



The

CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

3464
L. CXLV

JUNE 29, 1946

Annual Subscription (with
Diary) 25/- Single copies 9d.

Lilly
TRADE MARK

'MERTHIOLATE'

TRADE MARK BRAND
SODIUM ETHYL MERCURI THIOSALICYLATE

'Merthiolate' is noted for its general applicability in clinical antiseptics. The germicidal action of 'Merthiolate' is prompt and its antiseptic effect is well sustained. Tincture 'Merthiolate' is intended for presurgical disinfection of the skin. Solution 'Merthiolate' is stainless, non-irritating and is intended for general clinical use. 'Merthiolate' is also supplied in ointment, cream, jelly and suppository forms.

PATA

ELI LILLY & CO. LTD.
BASINGSTOKE
HANTS

128 Fluid Ounces (3.63 Litres)

SOLUTION No. 45
'MERTHIOLATE'
Sodium Ethyl Mercuri Thio-salicylate
1 in 1000—STAINLESS

Contains 'Merthiolate'—Sodium Ethyl Mercuri Thio-salicylate 0.1% w/v; Monochloramine 0.1% w/v.
A stable, stainless, organic mercury compound solution of high germicidal value, particularly in serum and other protein media.
Do not use in combination with or following the application of acids, the salts of heavy metals, or iodine.
Use only as directed by the physician.

Lilly
TRADE MARK

POISON
NOT TO BE TAKEN

ELI LILLY AND COMPANY LIMITED, BASINGSTOKE, ENG.

128 FLUID OUNCES (3.63 LITRES)

FOR EXTERNAL USE ONLY

TINCTURE No. 99
'MERTHIOLATE'
Sodium Ethyl Mercuri Thio-salicylate
1 in 1000

ALCOHOL 30 PERCENT.
Coloured Alcohol-Acetone-Aqueous Solution
Contains 'Merthiolate'—Sodium Ethyl Mercuri Thio-salicylate, 0.1% w/v; Alcohol 30% v/v; Acetone 10% v/v; Monochloramine 0.1% w/v; Water C.S.D. With sufficient tincture, reducing material to a fine for the use of application.
A superior germicide for pre-surgical preparation of the skin and first aid medicine.
To be used as directed by the physician.

Lilly
TRADE MARK

ELI LILLY AND COMPANY LIMITED, BASINGSTOKE, ENG.

For Sale (C.S.D.) No. 99

OINTMENT
'MERTHIOLATE' **1 : 2000**
Sodium Ethyl Mercuri Thio-salicylate

Contains 'Merthiolate'—Sodium Ethyl Mercuri Thio-salicylate 1 in 2,000.
An organic mercury compound of high germicidal value, in a base of lanolin.
To be used as directed by the physician.

Lilly
TRADE MARK

ELI LILLY AND COMPANY LIMITED, BASINGSTOKE, ENG.

'MERTHIOLATE'—CREAM 1 : 1000
Sodium Ethyl Mercuri Thio-salicylate

Lilly
TRADE MARK

ELI LILLY & CO. LTD. BASINGSTOKE, ENG.

'MERTHIOLATE'—JELLY 1 : 1000
Sodium Ethyl Mercuri Thio-salicylate

Lilly
TRADE MARK

ELI LILLY & CO. LTD. BASINGSTOKE, ENG.

Our Dress (C.S.D.) No. 11
'MERTHIOLATE'— 1 : 1000
Sodium Ethyl Mercuri Thio-salicylate

ELI LILLY & CO. LTD. BASINGSTOKE, ENG.

THROUGH SIX YEARS OF WAR we maintained the pre-war quality of our brands and kept our customers regularly supplied.

They still are serving the public with the finest Surgical Rubber Goods:—



We hope soon to have reached our pre-war standards of prompt delivery. In the meantime, orders are being executed in strict rotation.

Please address all orders and correspondence to:—

SELKA LTD.

23, DERING ST., BOND ST., LONDON, W.1
Mayfair 2412

FACTORY: TRADING ESTATE, SLOUGH, BUCKS

Deep Roots

Plants that are allowed to grow naturally—instead of being forced in a hot-house—throw out the deepest roots. The same may be said of advertised products. Take Simpson's Foot Ointment for instance. A market survey shows that it is the largest-selling of all foot preparations. It hasn't reached this position of leadership in five minutes. No product becomes a leader in its field overnight. Time must be allowed for the building up of one of the most solid and lasting factors in business—the habit of buying by tens of thousands of users. Advertising is invaluable for maintaining sales, but no advertising and no high pressure selling could replace that deep-rooted growth in the public mind which develops in course of time as the result of the inherent excellence of the product itself.

You know from experience that when you stock a leader in its field you are making an entirely safe investment. There

is no guess-work involved. Volume sales follow with certainty. You are on a much better bet than when frittering your stock investment away on probable 'starters.' After all, Simpson's Foot Ointment sells to the masses. 1 in every 15 adults uses it regularly. And for that very reason it will repay you to give it a bold display both in your window and on your counter.

But Simpson's Foot Ointment is not only a 'cert' from the selling point of view. It also carries a generous margin of profit—over 40% on best bonus terms—which makes it doubly attractive.

Many of our pharmacist friends tell us that Simpson's Foot Ointment is one of the most satisfactory lines they have handled, not only because of the margin of profit it shows and its lively sales but because it is 'C.F.' It is in fact, the ONLY foot preparation which is 'C.F.'



From the painting by D. Maclise.

*When Waterloo was fought
Woolleys were nearly 20 years old*

This is our Sesqui-centenary — our
one hundred and fiftieth year of Service
to Pharmacists.

1796 — 1946

**WOOLLEYS
OF MANCHESTER**

[JAMES WOOLLEY SONS & Co. LTD., Victoria Bridge, MANCHESTER, 3.

Crookes Halibut Oil



PATA

CROOKES HALIBUT LIVER OIL
Standard Parcels of Drops or
Capsules only

	Bonus	Sell	£ s. d.
PARCEL G = 1 DOZEN 12 x 15 c.c. 5/- Drops Less 25%	1	5/-	3 0 0 15 0 2 5 0 4 6 *£2 0 6
.. 10% *Amount of cash with order			3 12 0 18 0
PARCEL H = 3 DOZEN 36 x 5 c.c. 2/- Drops Less 25%	3	2/-	2 14 0 5 5 *£2 8 7
.. 10% *Amount of cash with order			5 8 0 1 7 0 4 1 0 8 1 *£3 12 11
PARCEL J = 1 DOZEN 12 x 30 c.c. 9/- Drops Less 25%	1	9/-	7 4 0 1 16 0 5 8 0 10 10 *£4 17 2
.. 10% *Amount of cash with order			5 2 0 1 5 6 3 16 6 7 8 *£3 5 10
PARCEL K = 6 DOZEN 72 x 5 c.c. 2/- Drops Less 25%	12	2/-	15 6 0 3 16 6 11 9 6 1 3 0 *£10 6 6
.. 10% *Amount of cash with order			
PARCEL L = 1 DOZEN 12 x 100 Capsules Less 25%	1	8/6	
.. 10% *Amount of cash with order			
PARCEL M = 3 DOZEN 36 x 100 Capsules Less 25%	3	8/6	
.. 10% *Amount of cash with order			

TERMS OF SUPPLY

United Kingdom only

1. Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
2. The order must be accompanied by cash. No pro-forma invoices can be issued.
3. Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
4. Bonus in kind cannot be allowed on any other Halibut Oil Products.
5. We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.

One order in preference to a series of smaller ones, please!

THE CROOKES LABORATORIES, LTD., PARK ROYAL, LONDON, N.W.10

The



Disodol Film

"LOOKING ON THE BRIGHT SIDE"

continues to attract attention in Odeon and Gaumont-British cinemas in widely separated towns in Great Britain.

Unless they are born pessimists, most people prefer to "look on the bright side", and they are your potential customers. A tie-up display will be a helpful reminder to them.

The BiSoDol Film will be shown in these cinemas during July.

A FEW OF THE CINEMAS BOOKED

Wk. Com. July 1st, 1946

BATH	Odeon
CHIPPENHAM	Gaumont
FARNCOMBE	Odeon
GODALMING	Regal
GUILDFORD	Odeon, Playhouse & Plaza

STOKE-ON-TRENT	Hippodrome
Burslem	Coliseum
Hanley	Empire, Odeon & Regent
TROWBRIDGE	Gaumont
WALTON-ON-THAMES	Odeon
WEYBRIDGE	Odeon & County

Wk. Com. July 8th, 1946

CHEPSTOW	Gaumont
CORBY	Odeon
DARWEN	Olympia
EXETER	Gaumont & Odeon
HARROW	Odeon
SOUTH HARROW	Odeon
IPSWICH	Odeon & Regent

LONDON	Kings Cross Cin.
Kings Cross	Odeon
Muswell Hill	Regent & Super Cin.
Stamford Hill	Wk. Com. July 15th, 1946

BRIGHTON	Academy, Odeon & Regent
Kemp Town	Odeon
Hove	Odeon
CHORLEY	Odeon
FLEET	County Cin.
KETTERING	Electric & Odeon
LEIGH	Palace
NOTTINGHAM	Hippodrome, Mechanics Hall, Odeon & Grand
SKIPTON	Regal

Wk. Com. July 22nd, 1946	
BRIDGWATER	Odeon
CLACTON	Odeon
EAST MOLESEY	Court Cin.
HENLEY-ON-THAMES	Odeon
KINGSTON-ON-THAMES	Odeon

LANCING	Odeon
LONDON	Bermondsey Trocette
	S. Norwood Odeon
LOUGHBOROUGH	Odeon
REDDITCH	Gaumont
SURBITON	Odeon
TOLWORTH	Odeon
WORTHING	Odeon

Wk. Com. July 29th, 1946

BOSTON	Odeon
BRENTWOOD	Odeon
HEREFORD	Odeon
HULL	Holderness Hall
LITTLEHAMPTON	Odeon
LONDON	East Sheen Odeon
RICHMOND	Odeon & Royalty
SALISBURY	Picture Hse & Gaumont
SPALDING	Odeon
ST. AUSTELL	Odeon
STOURBRIDGE	Odeon
TWICKENHAM	Luxor & Queens
WHITTON	Ritz

BiSoDol

(REGD.)

ANTACID DIGESTANT

SOLE DISTRIBUTORS:
KOLYNOS (SALES) LIMITED
CHENIES ST., LONDON, W.C.I

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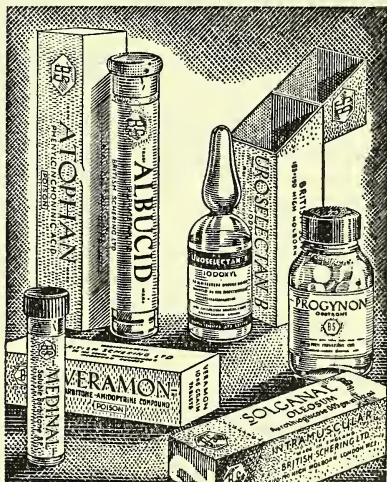
Doctor and patient alike appreciate the prompt dispensing of prescriptions. So, surely, does the pharmacist.

Save for very few, all the British Schering products are in full supply.

Our stocks are adequate. Are yours?

British Schering Price List will be sent on receipt of 1d. stamp (paper restrictions)

BRITISH SCHERING LIMITED
167-169 Great Portland Street, W.1
Welbeck 6554 (5 Lines)



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IMPORTANT NOTICE**GENUINE DUTCH DROPS — CLAES TILLY**

We have been appointed
SOLE AGENTS AND DISTRIBUTORS

in the United Kingdom, the Colonies and India, for the *only* original and genuine Haarlem Oil by CLAES TILLY, Haarlem, Holland. The Dutch Drops are covered by the International Registered Trade Mark "CLAES TILLY," granted by the Netherlands Government Charter Gazette No. 50, authorising for use the Portrait, Signature and Name of the inventor, CLAES TILLY. Dutch Drops CLAES TILLY, will be issued in boxes of 36 Capsules, and in bottles, at an early date. The trade and public are warned against accepting substitutes and imitations of the original formula and brand known the world over as TILLY DUTCH DROPS.

Issued by:

WATFORD CHEMICAL CO. LTD.

30 BAKER STREET . LONDON . W.1

and
N.V. Fabriek Van Oprechte Haarlemmer-Olie
V/H Claes Tilly. Haarlem and Amsterdam



BEECHAM'S COMBINED ORDER FACILITIES now include PHOSFERINE

Details of Special Terms

Beechams Pills Ltd., have taken over the selling agency for the products of Phosferine (Ashton & Parsons) Limited, Watford, Herts. The following products, therefore, are now available along with the existing Beecham Group Lines already supplied from St. Helens:

**PHOSFERINE (TABLETS & LIQUID)
ASHTON & PARSONS INFANTS' POWDERS
SANACINE TABLETS
KEMNOS OINTMENT**

The list prices for the Phosferine preparations remain as hitherto, but in order to provide you with combined order facilities, the terms have been adjusted as follows:—

**A CASH DISCOUNT OF 2½%
AND
10% ALLOWANCE FOR WINDOW DISPLAY
AND/OR ADVERTISING SERVICE**

These terms apply to orders as follows:

- (a) Composite order for Beecham products, Phyllosan and Phosferine lines, with a minimum quantity of £5 . 0 . 0 value.
- (b) Separate orders for Beecham products, Phyllosan, or for Phosferine lines to the minimum value of £2 . 0 . 0

MONTHLY ACCOUNT—CARRIAGE PAID

All Enquiries Should Be Addressed To

BEECHAMS PILLS LTD., ST. HELENS, LANCs

Telephone: St. Helens 2241

Telegrams: Beecham, St. Helens

THE SYMBOL OF



RELIABILITY

ARTHUR H. COX & CO. LTD. BRIGHTON

MANUFACTURING CHEMISTS SINCE 1839

**PRE-EMINENT
IN THE PRODUCTION OF
PILLS AND TABLETS
(PACKED OR IN BULK)**

Stannard's

ORIGINAL

BIG FIVE

sell on sight

● **SWEET-BREATHS**, unique mouth deodorant—retail 9d; trade 5/-, plus 10d P.T., per doz. ● **ROSELIP**, for cracked lips, in lipstick form—retail 1/3; trade 8/-, plus 2/8 P.T., per doz. ● **KOFFS**, standard size bronchial tablets. In cartons—retail 1/3; trade 9/-, plus 1/6 P.T., per doz. In "Handy-Pak" tubes—retail 8d; trade 5/-, plus 10d P.T., per doz. ● **ICE BALM**, in lipstick form, containing 20% pure menthol—retail 1/5; trade 10/-, plus 1/8 P.T., per doz. ● **Antiseptic THROAT MINTS**—retail 8d; trade 5/-, plus 10d P.T., per doz.

A. E. STANNARD LTD. MFG. CHEMISTS, TADWORTH SURREY, Burgh Heath 2318.

D.C.L. VITAMIN B₁ YEAST TABLETS

Each ounce contains a natural Vitamin B potency equivalent to that of 25 mgm. Aneurin Hydrochloride, 1.4 mgm. of Riboflavin, and 5.6 mgm. Nicotinic Acid. Each tablet contains 100 I.U. (approx.) Vitamin B₁.
100 TABLETS 3/9d. 50 TABLETS 2/3d.

MANUFACTURED BY
THE DISTILLERS CO. LTD., EDINBURGH.



SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

2d. BOX PROFIT by ordering 1 dozen 2/10 size. Bonus box given on every dozen (13). It pays to push this size.

C. & G. KEARSLEY LTD.

71 DARTMOUTH RD., LONDON, S.E.23

Established 1787 to the Regency of King George III

Introducing A NEW *Alasil* (50's) SIZE



IN response to many requests a new 'Alasil' (50's) size has now been introduced. By meeting a popular demand, this handy and economical size will offer pharmacists increased opportunities for sales of 'Alasil' tablets.

'Alasil' provides the beneficial therapeutic effects of acetylsalicylic acid in such a form that it is acceptable even by disordered digestions. This tolerability is due to the fact that it combines acetylsalicylic acid with Dibasic Calcium Phosphate and 'Alocol' (colloidal aluminium hydroxide), an effective gastric sedative and antacid.

Since 'Alasil' is so well tolerated its use can be pushed or prolonged to the desired extent. 'Alasil' is, therefore, an analgesic, antipyretic and sedative which can be employed with complete confidence in all the many conditions in which acetylsalicylic acid is indicated.

Alasil Tablets *Aspirin with a Difference*

Retail Prices: Bottles 1/5 and 2/10

Including Purchase Tax

Trade Prices: 11/3 and 22/6 plus Purchase Tax

On the **PATA**

A. Wander, Ltd., London, S.W.7

Works, Laboratories and Farms: King's Langley, Herts.



'SURE SHIELD'



Products

Due to shortage of supplies, combined with the curtailment of our staff, we wish to assure our many trade friends that we are using every effort to maintain an equitable distribution of our Products.

Please Note

- 1st. All Orders are forwarded in strict rotation, and we are now 15 weeks behindhand in delivery.
- 2nd. Due to the position, all additions can only be treated as separate orders.
- 3rd. When writing with reference to an order on hand, please give *exact date* when sent on.

"SURE SHIELD"

Registered Trade Mark

IODISED THROAT TABLETS

FRUIT LAXATIVES

GLYCERINE OF THYMOL
PASTILLES

PASTILLES — LOZENGES
TABLETS

Thos. Guest & Co. Ltd. *Manufacturing Chemists*
Carruthers Street, Manchester, 4

PILLS TABLETS CAPSULES

The
British
Made
Products
of

HOWARD LLOYD & CO. LTD.
LEICESTER

EUCRYL DENTIFRICES



BOUGHT ON DISPLAY TERMS YIELD
PROFIT ON —

SELLING PRICE | BUYING PRICE

39%

63.6%

Eucryl Tooth Paste has an increasing Sale.

EUCRYL LTD.
SOUTHAMPTON

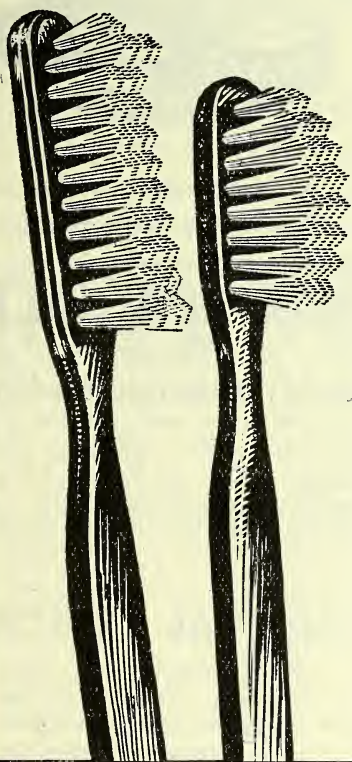
T R A D E M A R K



meritor

REGD.

★ Sold on merit alone—when stocks permit



Meritor Toothbrush advertising continues in the National Press this year on an increased scale. There will be regular appearances in the popular Daily and Sunday Newspapers, Radio Times, Picture Post, Housewife, Illustrated, Homes and Gardens, etc.

Because Meritor Toothbrushes are still in restricted supply for the Home market our advertisements include references to other Meritor products as follows:—Meritor Dental Cream, Antiseptic, Ointments, Medicinal Preparations, D.D.T. Antimoth and Food Flavourings.

The advertisements emphasise that the public may know Meritor products by their fine packaging and that they are obtainable from Chemists.

S. MAW, SON & SONS, LTD.
ALDERSGATE HOUSE . NEW BARNET . HERTS
TELEPHONE : BARNET 5555

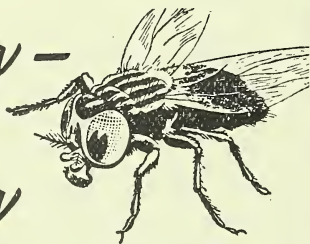
SEROCALCIN

FOR THE
PREVENTION
AND
TREATMENT OF
COLDS



PATA HARWOODS LABORATORIES LTD., WATFORD, HERTS. Watford 4457

*Now -
a
New
better, quicker-killing*



FLIT

Because it combines *all* the latest scientific developments made in insecticides, the *new* FLIT is better than ever. The demand will be greater because FLIT kills quicker!

STEMCO LIMITED

128 ALBERT STREET • CAMDEN TOWN • N.W. 1

SUN-SPA SALTS

The new

Spa-Treatment-in-the-Home

for rheumatism, lumbago, sciatica, gout, or just ordinary "tummy" troubles.

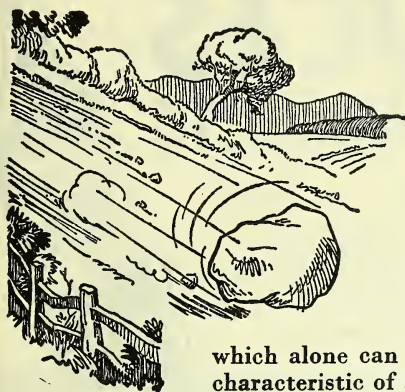
Retail in 3d. packets & 1/6 tins

JOSEPH LINGFORD & SON, LTD.
BISHOP AUCKLAND, COUNTY DURHAM.

DENTAL STICKS

Retail Chemists who have not yet stocked Dental Sticks should seriously consider obtaining supplies through their Wholesaler or direct from

BRITISH DENTAL STICKS LIMITED
Elswick Road, Newcastle-on-Tyne, 4



A Rolling Stone

... gathers no moss — true, but in tablet coating it's the rolling tablet that gathers the sugar. More important in producing a perfect tablet coating is the skill which controls the process — skill

which alone can give that fine appearance so characteristic of all our coated products.

MANUFACTURING CHEMISTS
OFFICE & WORKS: MANSFIELD ROAD, DERBY
'Phone: Derby 4266 (3 lines) 'Grams: Danla, Derby



THE ALL - PLASTICS DEEDON The World's Best Inhaler

Models
suitable for :

Aqueous
Solutions

Oily Liquids

Insufflation
of Powders

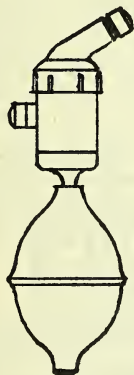
Model B - 18/-

Model C - 24/-

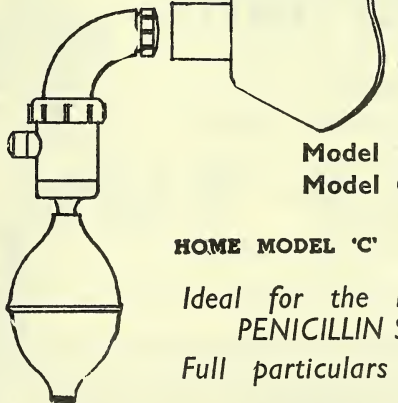
HOME MODEL 'C'

Ideal for the inhalation of
PENICILLIN Solutions.

Full particulars on request.



POCKET MODEL B



MOORE MEDICINAL PRODUCTS LTD.
Aberdeen Scotland

NEW PRICES

for this OLD FAVOURITE

FROM 1ST JULY
1/5 3/5
5/8
 including tax

Rising costs—labour, raw materials and packing—have compelled us to increase the prices of this popular, fast-selling line. But the demand will remain as brisk as ever.

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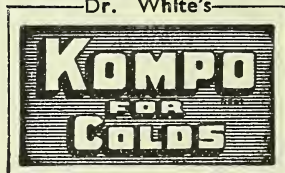
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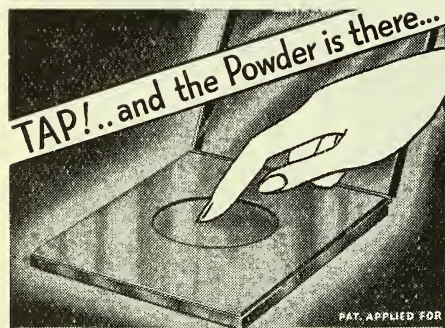
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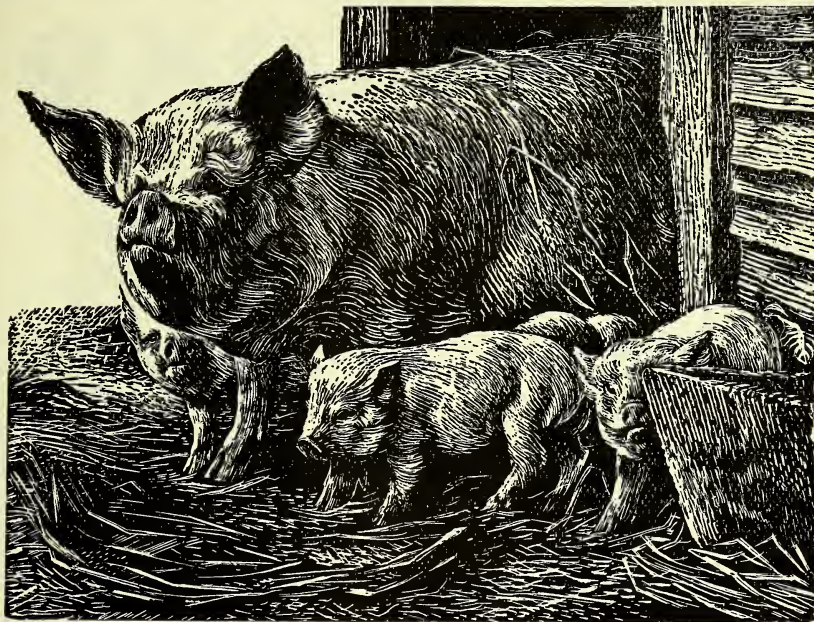
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NEWS OF THE WEEK

Diphtheria Immunisation Campaign.—The Ministry of Health announces that a national campaign for diphtheria immunisation will start in July using poster displays, press advertising and a film circulated to all cinemas.

Purchase Tax Concessions.—Mr. Hugh Dalton (Chancellor of the Exchequer) announced in the House of Commons on June 26 that purchase tax is to be abolished in all types of low-tension batteries (forming part of the provision for aids to the deaf), still projectors, sub-standard still projectors, slips and slides.

Current Soap Coupons.—Soap coupons available during ration period No. 13 are the two upright pairs of small squares numbered K.49/50 and 51/52 on the large square No. 13. In Ration Books R.B.1 and R.B.4 the coupon numbered 49/50 is worth one ration and the coupon numbered 51/52 two rations of soap. The two whole coupons in Ration Book R.B.2 are each worth two rations of soap. During the four-week period beginning June 23, and each subsequent four-week period until further notice,

all permits on form Soap 2A/46 whether in terms of "Rations" or "Quantities" will be valid only to the extent of six-sevenths of the number of rations or of the quantity stated on them (any fraction of a ration counting as a whole ration) unless the permit holder produces to his supplier an official notice that his permit is not subject to this reduction. As from June 23, 1946, the allowance of soap for domestic use is reduced to six rations per eight-week period (June 22, p. 771), except for children holding Ration Book R.B.2. The allowance for such children and the additional soap ration granted to infants under the age of one year remains unchanged.

Hints to Business Men.—An additional pamphlet has been issued by the Department of Overseas Trade in the series "Hints To Business Men." It relates to British West Indies and Burma. Copies may be obtained on application to the Department at Hawkins House, Dolphin Square, S.W.1.

Birkenhead Pharmacists' Visit.—A party of Birkenhead pharmacists and friends joined a motor coach visit to Blackpool

recently, organised by the Birkenhead Pharmacists' Association.

Manchester Chemists' Golf.—The annual competition for the Ucal Cup and memento prize was played at Delamere Golf Club on June 17. The leading returns were: C. Stenson, 70, winner Ucal Trophy, and W. E. Phillipson, 71, winner second prize.

Leicester N.P.U. Officers.—The officers of the Leicester Branch of the National Pharmaceutical Union elected recently are as follows: *Chairman*, Mr. G. B. Eagle; *Vice-chairman*, Mr. G. Rimmington; *Treasurer*, Mr. R. Peberdy; *Secretary*, Mr. W. H. Dennis.

Scottish Medical Exhibition.—An exhibition showing medical, pharmaceutical, and surgical preparations and appliances, and organised by the British & Colonial Druggist Ltd., was held recently in St. Andrew's Hall, Glasgow. Admission was limited to surgeons, doctors and dentists.

Welsh Industries Fair.—A total of 25,000 people visited the Welsh Industries Fair which was held at Cardiff recently. The organisers estimated that orders placed at the Fair exceeded £2,500,000. Exhibits included laboratory and photographic apparatus, and toilet articles in moulded plastics.

Association of Chemists and T.U.C.—The council of the British Association of Chemists has been instructed to apply for affiliation to the Trades Union Congress following a resolution which was passed at a meeting of the Association in London recently by twenty-six votes to twenty-five.

Visit to Penicillin Train.—The Bournemouth Pharmaceutical Association arranged for members recently a private view of the penicillin exhibition train organised by St. Mary's Hospital, London, W.2. Other recent activities of the Association included a lecture on sulphonamides by Mr. W. J. Merrick, M.P.S.

Resolution on Call-up Age.—At a recent meeting of the council of the Bristol Chamber of Commerce, Mr. A. L. Strode Cosh, M.P.S., spoke in support of a resolution from the Motor Trade and Road Transport Section that the age of call-up should be varied according to the trade, profession or industry in which a boy served.

Traders' Transport.—At a conference convened by the Associates' Committee of the British Road Federation and transport trade associations in London recently it was decided to set up an action committee whose function would include safeguarding

the rights of traders to operate their own vehicles for the carriage of their own goods.

£20,000 Gift to Employees.—In "Victory" gifts to mark the long and faithful services of his old employees Mr. Charles Brotherton (chairman of Brotherton & Co. Ltd., ammonia and tar distillers, Lee) has distributed £20,000 worth of his hold of ordinary stock in the company. Each of the recipients has received £200 worth of stock.

Retirement Presentation.—On the retirement of Mr. W. Latham Hudson a years' service with T. F. Bristow Ltd., soap manufacturers, London, a dinner was given in his honour, at which presentations were made to him by managing director, other directors, executive staff and colleagues on the representative staff.

Homage to a Pharmacist.—The International Peace Society held recently a meeting to pay homage to William Allen who 130 years before had convened the inaugural meeting of the Society in his pharmacy at Plough Court, Lombard Street, London. Allen's Plough Court pharmacy was the subject of an article which appeared in *THE CHEMIST AND DRUGGIST* (1933. II. 224).

Increased Sundries Production.—Figures published by the Board of Trade recently show how the production of certain chemists' sundries has increased in 1946 compared with the corresponding periods in 1945. The production of teats and valves in March 1946 is up by 105 per cent., that of sanitary towels by 36 per cent., of toilet brushes by 36 per cent., and of razor blades by 16 per cent., compared with the same month last year.

Public Opinion on N.H.S.—Sixty-five per cent. of people interviewed recently in an endeavour made to obtain a cross-section of opinion on the National Health Service stated that they had followed the discussion on the Service, and of these two in every three were of the opinion that the Government's plans would result in better health services for the country as a whole, according to a report in the "News Chronicle" on a recent "Gallup" poll.

Presentation to Liverpool Secretary.—Liverpool chemists are being asked to subscribe for a presentation to Mr. W. E. Shepherd in recognition of his services for nine years as secretary of the Liverpool Chemists' Association and the Liverpool Branch of the Pharmaceutical Society, from

which office he recently retired. Mr. Shepherd is vice-president of the Association. Contributions should be sent to Mr. Martin S. Hughes (treasurer).

N.H.S. Discussed at Wimbledon.—Mr. F. C. Wilson (secretary of the Surrey Pharmaceutical Committee, and a member of the Pharmaceutical Society's Council) spoke on "The National Health of the Future" at the annual meeting of the Wimbledon Pharmacists' Association held recently. Patients, he said, would prefer to have their prescriptions dispensed by their local chemists to avoid the probability of queuing at Health Centres. *Committee Members* elected at the meeting were Messrs. F. C. Wilson, J. F. Thomas, T. Hughes, T. James, J. Stewart, and H. Thomas. Messrs. H. J. Newitt and F. C. Mills were appointed *Auditors*.

King's Birthday Honours.—The second list of Civil Awards for public services forming part of the King's Birthday Honours was published on June 13. It includes the following: O.B.E., Civil Division: Mr. J. C. Broom (Acting Director, Laboratory of Tropical Medicine, Wellcome Research Institution); Mr. W. A. S. Butement (Assistant Director of Scientific Research, Ministry of Supply); Mr. H. F. Ford (joint managing director of Wippell & Co., Ltd., Exeter); Mr. G. Grime (Principal Scientific Officer, Department of Scientific and Industrial Research); Mr. G. V. B. Herford (Officer in Charge, Pest Infestation Laboratory, Department of Scientific and Industrial Research); Miss Minnie Randall (Vice-president of the Chartered Society of Physiotherapy); Mr. A. M. Smith (Assistant to the Director, Food Investigation Organisation, Department of Scientific and Industrial Research); Mr. W. H. J. Vernon (Principal Scientific Officer, Chemical Research Laboratory, Department of Scientific and Industrial Research).

IRISH NEWS

Eire Pharmaceutical Imports.—The official returns for the three months ended March 1946 recently published show that during the period medicines and medicinal preparations to a value of £166,685 were imported into Eire, against only £97,140 in the corresponding quarter of 1945.

Pharmacists' Gift of Island.—Mr. Fred Storey, M.P.S.N.I. (Fred Storey, Ltd., manufacturing chemists and wholesale druggists, Belfast), the chairman of the Ulster Society for the Preservation of the Countryside, has purchased, and presented to the National Trust for safe keeping on behalf of the public for all time, Coney Island, situated in Lough Neagh.

Bangor Rota Arranged.—Ten chemists at Bangor, co. Down, have combined to produce a rota service chart under the Shops Act (Northern Ireland), 1946, by which two shops are to be open from 6 p.m. to 7 p.m. on Sundays and weekly half-holidays for the supply of medicines, medical and surgical requirements and baby foods. Copies of the chart, which covers the period up to January 2, 1947, are being distributed. Those taking part are Messrs. R. Hall, S. H. Forrest, R. McCutcheon, J. C. Watt, H. T. Page, J. F. Addy, R. Anderson, J. S. Balmer, Ltd., Hanna's Pharmacy, and J. M. Gray, Ltd.



VICTORY LUNCHEON.—Guests at a Victory luncheon given to their London and Manchester staffs by the directors of R. W. Greeff & Co., Ltd. (chemicals and intermediates) at the Waldorf Hotel, London, on June 3. Mr. A. J. Thompson (chairman of the company) presided.

LEGAL REPORTS

Committed for Trial.—In the Liverpool examining magistrates' court on June 12, the thirteen defendants in a series of charges connected with alleged illegal transactions in photographic materials were committed for trial at the Liverpool Assizes. Charges of conspiracy had previously been withdrawn (see *C. & D.*, May 25, p. 646).

Dealings in Uncustomed Goods.—At Bow Street, London, police court, recently, John Foster Massicks and his wife, Mrs. Irene Barbara Massicks, trading as Linda Daye, hairdressers, Wardour Street, W.1, were sentenced respectively to four months' and three months' imprisonment for being concerned in dealing with uncustomed goods (129 American lipsticks and 215 bottles of nail varnish). They pleaded guilty. It was revealed in court that a merchant seaman was found by the authorities to have on him a card bearing the name of Linda Daye. A letter which came into the possession of the Customs seemed to indicate that the Massicks were rather deeply implicated in dealing with smuggled goods. For the defence, it was stated that Massicks was in receipt of a disability pension after being four times torpedoed while serving with the Merchant Navy. He opened the business in November 1944 and was still working on a bank overdraft. Notice of appeal against the sentences was given.

Alleged "Passing Off."—In the Chancery Division, London, on June 21, an injunction was sought by Delavelle (Great Britain), Ltd., Orsman Road, London, N.1, against Harry Stanley (trading as Stanleys), hairdresser, 123 Kingsway, London, W.C.2, restraining defendant from passing-off goods not of plaintiffs' manufacture as and for their goods, and from selling them under the name Blue Orchid or any name only colourably differing therefrom. Plaintiffs, who are manufacturers of perfumery and toilet articles, maintained that for upwards of ten years they had used the mark Blue Orchid in relation to their goods, for which the mark had become distinctive. They alleged that the defendant had sold brilliantine not of their manufacture under the name Blue Orchid and had adopted a substantially indistinguishable "get-up" for his product. The defence was a denial of the alleged passing-off and a plea that the words Blue Orchid, when used in connexion with brilliantine, did not indicate the plaintiffs' goods. Mr. Stanley's case was that, since 1937, he had sold a blue-

coloured brilliantine of his own manufacture, and having the perfume of an orchid, to which he had appended the description Blue Orchid brilliantine. The "get-up" was entirely different from the plaintiffs', and no confusion had arisen. Evidence was given in support of the plaintiffs' case. No evidence was called for the defence. The judge said that nothing could properly be said against the good faith of the defendant. The question was whether there was a probability that, if the defendant continued to exhibit his goods in the way he was now doing, he would thereby be representing them as the goods of another. His Lordship was satisfied that the words Blue Orchid had become associated in the minds of the trade and public exclusively with the plaintiffs' business and that there was a probability of persons being deceived or misled into the belief that the defendant's goods were those of the plaintiffs. There would therefore be an injunction to restrain the defendant from offering for sale brilliantine or any goods of the same description as brilliantine under the name Blue Orchid. Plaintiffs were entitled to their costs.

PASSING OF A TRADE BODY

THE Perfumery and Toilet Manufacturers' Section, London Chamber of Commerce, was formally dissolved at its final meeting recently. The functions of the Section are now being carried out by the Toilet Preparations and Perfumery Manufacturers' Federation of Great Britain, Ltd. (*C. & D.* 1945. I. 543), which is being housed and staffed by the London Chamber of Commerce. MR. MATCHAN (chairman of the new Federation) moved the dissolution. He said that members generally had had sufficient experience of the Federation to know that it was the sort of a body that the industry wanted, but that there was plenty of scope for progress and development. He paid tribute to the Section's work and to that of its officers. In its fifty-six years of existence the Section had grown from a small group of perfumers into a representative national body for an industry of steadily increasing importance.

At the meeting a presentation was made to Mr. Middlemiss by MR. MADDEN (secretary of the Section) as a mark of appreciation of the work which he had done for the Section.

MR. COWLISHAW proposed a vote of thanks to the chairman. MR. PERCY (Dearborn (1923), Ltd.) seconded.

TOPICAL REFLECTIONS

New Standards for Measures

At a recent meeting of the National Pharmaceutical Union Executive (p. 782) it was announced that the British Standards Institution has been asked to formulate new standards of accuracy for certain measures specified in the Weights and Measures Regulations, 1907. The permitted errors in the class known in the Regulations as apothecaries' graduated glass measures strike me as somewhat loosely chosen. When, for instance, we read that with a diameter of half an inch the permitted excess or deficiency is half a minim but with a diameter of one inch the corresponding tolerance is four minims, we cannot help reflecting that the accuracy, for the purposes of these Regulations, of a 1-oz. or 2-oz. graduated glass measure depends largely on the shape of the measure. For this reason I am in favour of the more scientific treatment of the subject foreshadowed in your report. The supervision of weights and measures in Great Britain has a history of much interest: the gradual supersession of small local authorities by larger ones, and the eventual merging of these into a national system, can be traced with the help of county histories and other works of reference. At various periods the controllers of standards have included courts leet, City of London Companies, town juries and clerks of markets. Some of the standards seem to have been difficult to enforce. In an Act of 1618 the Scottish pint was defined as equalling "three pounds seven ounces of French Troyes weight and of clear running water of Leith." Authorities in, say, Inverness may have found this a hardship.

Is it in the Bond?

A speaker at a meeting of the West Sussex Insurance Committee is reported (p. 771) as saying that, according to contract, a panel chemist is not allowed to close his shop for a midday interval. No difference is to be recognised, apparently, between a proprietor who has assistants and a proprietor who has none. A few sentences from the trial scene in "The Merchant of Venice" may be relevant. "Then must the Jew [for 'Jew' read 'Insurance committee'] be merciful." "On what compulsion must I?" "Have by some surgeon, Shylock, on your charge, to stop his wounds, lest he do bleed to death." "Is it so nominated in the bond?" "It is not so express: but what of that?" "We are all aware that statutory committees are not in the habit

of showing mercy. The plain sense of the matter is this. During the war a trade custom of closing shops for an hour or a little more about the middle of the day has become general; and pharmacies are still being carried on in conditions closely resembling those of the six war years. It is a question for legal argument whether a trade custom introduced since a contract was made is a factor modifying that contract. If not, a midday rota could be arranged in cities and towns where there are several panel chemists: in villages where there is only one, a notice could be left on the shop door stating where the pharmacist was to be found at that time of day. Thus every Committee would receive its pound of flesh, and every chemist his meals.

'Social' Medicine

Comment on the statement of the Lord Provost of Edinburgh that social medicine as known today began in his city in 1887 (p. 790) is not easy. I am not sure that a generally accepted and up-to-date definition of social medicine exists. The eighth definition of the adjective "social" in the Shorter O.E.D. brings us, I think, sufficiently close to the meaning we expect: "Concerned with, interested in, the constitution of society and the problems presented by this." If we confine ourselves to generalities, it is comparatively easy to draw up a definition of social medicine; for there is an obvious difference between treating a patient as an isolated person and treating him in relation to his environment. May it not be that the beginnings of social medicine are to be found in the establishment, with whatever mixed motives, of three dispensaries in the City of London by members of the College of Physicians just before the close of the seventeenth century? In 1687 the College unanimously decided to give advice free of charge to "all their Sick neighbouring Poor, when desired, within the City of London, or seven miles round." About a year later it was resolved "That the Laboratory of the College be forthwith fitted up for preparing Medicines for the Poor, and also the Room adjoining for a Repository." After much controversy, in which apothecaries were involved, the dispensaries were opened in 1698. The semi-commercial nature of these places was evidenced by the fact that ordinary patients of the subscribing physicians were allowed to obtain medicines there at reduced prices. The scheme ended in 1725. **Xrayer**

COMPANY NEWS

ZANTHIA, LTD. (P.C.).—Capital £1,000. Chemists, druggists, etc. Alfred E. S., and Ella M. Hull, directors. R.O.: 2 Central Parade, Catford, London, S.E.6.

STOER BROS. & COLES (EXPORT), LTD. (P.C.).—Capital £100. Chemists, druggists, etc. Directors are to be appointed. R.O.: 2 Eyre Street Hill, London, E.C.1.

PARFUMS FORVIL, LTD. (P.C.).—Capital £1,000. Perfumery manufacturers, etc. Jean J. Catella and Thomas B. Murtland, directors. R.O.: Oxford Chambers, Victoria Street, Leeds.

CHRISTENE PRODUCTS, LTD. (P.C.).—Capital £500. Manufacturers of and dealers in toilet goods, drugs, soaps. Frank C. Christian, director. R.O.: 43 Beech Street, Barbican, London, E.C.1.

MARSHALLS DRUG STORES, LTD. (P.C.).—Capital £1,000. To carry on business as indicated by the title. Directors are to be appointed. R.O.: 6 Station Road, London, E.7.

ANA LABORATORIES, LTD. (P.C.).—Capital £2,000. Wholesale and retail chemists and druggists, etc. Frederic J. M. Bengue and William E. Page, directors. R.O.: Mount Pleasant, Wembley, Middlesex.

BOLTRO PHARMACIES, LTD. (P.C.).—Capital £5,000. Chemists, etc. Philip G. Rose, Harold W. Briant, Francis J. Foulkes, and John E. Robinson, directors. R.O.: 6 Boltro Road, Haywards Heath.

THOMAS R. PRIME, LTD. (P.C.).—Capital £500. Chemists, druggists, etc. William H. Prime and John W. Penn, directors. R.O.: Crystal Palace Parade, Upper Norwood, London, S.E.19.

BEAUTY SPOTS, LTD. (P.C.).—Capital £100. Dealers in perfumery, toilet requisites, etc. James H. Miners, William R. Jones, Robert L. Lownsbrough, and Joseph Jenkins, directors. R.O.: Carlton House, 78 Bollo Bridge Road, Acton, London, W.3.

J. S. BOYD & CO. (CHEMISTS), LTD. (P.C.).—Capital £5,000. Manufacturers, exporters and importers, chemists, druggists, opticians, etc. Directors are to be appointed. R.O.: 116 Hope Street, Glasgow.

HAMER PRODUCTS, LTD. (P.C.).—Capital £1,000. Manufacturing and dispensing chemists, manufacturers of and dealers in polishes, etc. Leslie and Dorothy Hamer, directors. R.O.: 20 Brazennose Street, Manchester.

CHAPMAN'S BRONCHIAL MIXTURE, LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in proprietary and other medicines, etc. Frederick W., and Ivy Chapman, directors. R.O.: 199 Parrack Street, Gravesend.

BRITISH WINE CO. (LONDON), LTD. (P.C.).—Capital £100. Manufacturers of wines, cordials and flavourings, etc. Francis H. Sergeant, Herbert W. Port, and Joseph C. Milburn, directors. R.O.: 151-76 Albany Road, Camberwell, London, S.E.5.

M. NIVEN & CO. (CHEMISTS), LTD. (P.C.).—Capital £2,000. To acquire the business carried on by Mrs. G. M. Macdonald, M.P.S., at 25 Bank Street, Alexandria. Flora MacPherson and Arrol Chalmers, directors. R.O.: 25-27 Bank Street, Alexandria.

PAULA LISA LABORATORIES, LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in chemicals, drugs, toilet requisites, etc. David Chalmers, Desmond F. Mordant, Alexander R., and Rachel H. B. Aikman, directors. R.O.: 30 Clarence Street, Richmond, Surrey.

JENCONS (SCIENTIFIC), LTD. (P.C.).—Capital £2,000. To acquire the business of a laboratory furnisher and general glass merchant, etc., carried on by Reginald W. Jenning at 425 Kingsbury Road, London, N.W.9, as "Jencons." Directors are to be appointed. Solicitor: Samuel J. Weaver, 30 Clarendon Road, Watford.

KEEPAWAY LABORATORIES, LTD. (P.C.).—Capital £3,000. To acquire the business of manufacturing veterinary chemists carried on by Alice M. Seabright and William G. Hayden at 112 Earl's Court Road, London, as "The Keepaway Laboratories." Jack A. Philippe and David L. Le Blanc, directors. R.O.: 115 Earls Court Road, London, S.W.5.

FOUR LEAF PRODUCTS, LTD. (P.C.).—Capital £1,000. To acquire the stock in trade, etc., of the business of manufacturers of and dealers in pharmaceutical and industrial preparations, lately carried on at 278 Bearwood Road, Smethwick, Staffs, by Selena E. M. Garton and Greta Byrne, as "Four Leaf Products." Landon F. Byrne, Ernest M. Garton, Howard Swain, and Charles L. Highfield, directors. R.O.: 61 Cape Hill, Smethwick.

A. WANDER, LTD.—MAJOR J. D. K. HAGUE, M.C. and Bar, M.A., Barrister-at-Law, has been appointed a director.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

IN Standing Committee on the National Health Service Bill Mr. H. N. Linstead asked the Minister to indicate why he had come to the conclusion that compulsory vaccination was now to be ended.

MR. BEVAN replied that the reason was chiefly that large numbers of people were contracting out, and it was undesirable to continue to make it compulsory. At the same time, the Ministry was strongly urging people to have their children immunised against diphtheria.

Constitution of Executive Councils

MR. Linstead pointed out that, in Clause 31, the Minister was taking power to vary the constitution of an Executive Council, and there was a proviso the effect of which was that, if the numbers were altered, the proportions as between the members appointed by the authorities and the "bodies" should be maintained as far as possible. But, in the Fifth Schedule of the Bill, it was found that the Executive Council consisted of a chairman and twenty-four members, eight of whom were appointed by an authority, four by the Minister, and the remainder by what he would call "bodies." It seemed clear that, if there were a reduction in the size of an Executive Council, then the reduction must be proportionate, in so far as the members appointed by authorities and by bodies were concerned, but it was not clear whether there was a proportional reduction in the members appointed by the Minister. He asked the Minister whether he was an "authority," or whether he was a "body."

The Minister was further taking power to amalgamate Executive Councils. Would it not be appropriate to include a proviso to ensure that, if the amalgamation took place, the balance of representation should be maintained?

MR. BEVAN replied that the Minister was, for the purposes of the Bill, a "body." Variation took place after consultation with the local Executive Council concerned. Almost invariably, in such circumstances, the practical difficulties would be present in the minds of the Executive Council and the necessity for variation also would be present.

"It is necessary, of course, to set up a joint Executive Council because there are some that are exceedingly small. . . . Take, for example, price-fixing for chemists' prescriptions," said Mr. Bevan. It might

be desirable to have a much wider area for price-fixing than a local health authority itself, and, where that happened, it was not desirable to have the constitution and the body of that joint committee exactly the same as was laid down for the Executive Council as a whole.

MR. Linstead: Surely the Minister is not contemplating more than one national scale in the particular example he gave in the pricing of prescriptions?

MR. BEVAN: At the moment I am not contemplating it, and I imagine that in few instances would these powers be exercised.

Retailers' Losses on Reduced Purchase Tax

Conservatives fought in the Commons on June 18 to protect retailers against losses incurred through reduction of purchase tax on articles of which they had bought stocks at a higher tax rate. MR. OSBERT PEAKE urged that the Treasury should prescribe a period in relation to each class of goods affected by the reduction or abolition of purchase tax. The trader would be able to recover from the seller the amount of purchase tax he had paid on furnishing invoices. The seller, in his turn, would recover from the Treasury. Publicity of purchase tax reductions, he urged, had the immediate result of making retail traders hold off buying and allow their stocks to run dangerously low. If warehouses became choked with goods which traders would not buy because of tax reductions, the normal supply of goods to consumers would be in danger.

SIR ARNOLD GRIDLEY, supporting the amendment, declared that wholesalers would have to consider whether it was good business to manufacture to meet the demands of consumers, or whether to be cautious in view of the uncertain tax position.

Labour Members supported the amendment, MR. PAGET saying that some people had to hold heavy stocks owing to the nature of their business.

THE SOLICITOR GENERAL replied that the hardship had been considerably overstated. The amendment, if carried, would only mean that the Treasury would pay out large sums which would go to the retailer, as a sort of windfall. The man in the street would not benefit. . . . For some months those who were avaricious might have some falling off in sales, but as a rule the consumer would not get the benefit of any

rebate. The retail trader would benefit, from a long-term view, from the reduction of taxes because of the increased demand for goods.

MR. OLIVER STANLEY : We believe that there is here a hardship put upon a large number of traders in the community. We believe that it is the duty of the Government to try and find a way out of the hardship.

MR. OSBERT PEAKE, who pointed out that the amendment had the support of Members on all sides of the House, was surprised that the Government should have treated it so cavalierly.

THE CHANCELLOR OF THE EXCHEQUER replied that the National Chamber of Trade did not approve the amendment. "So far as there is a hardship on the retailer it is a short-term hardship, which exists only during the time he is disposing of stocks. At this moment stocks are low, and therefore the loss is small, compared with the gain that will be got when production picks up over the future months."

The amendment was defeated.

Lactose Production

On June 18 MR. S. MARSHALL asked the Minister of Food what was the total lactose production of the country at present, and if he was satisfied that it was ample to meet all requirements.

MR. STRACHEY : Production in the three months ended March 31 was approximately 700 tons. The quantity produced is dependent on supplies of whey, but at present all essential requirements can be met.

Points for Rusks

CAPTAIN CROWDER asked the Minister of Food if he would consider reducing the number of points required for Allenburys' rusks, having regard to the hardship caused to mothers of young children by the present high rating of five points per packet.

MR. STRACHEY : While the supply of rusks is limited, to lower the points value would only result in some people getting more than their share and others having to go without.

Coupons for Surgical Belts

On June 19, MR. S. MARSHALL asked the President of the Board of Trade whether surgical belts and surgical boots, which were essentially health requirements, could not be supplied without coupons.

MR. BELCHER (Under Secretary) : No. Surgical boots and most kinds of surgical belts must, in fairness to all, continue to be rationed, because they can be worn in

place of ordinary footwear and corsets, but the Department is prepared to consider applications for special allowances of coupons from persons who have occasion to wear surgical belts or boots for the first time.

Prescribed Penicillin

On June 20, SIR JOHN MELLOR asked the Minister of Supply why S. R. & O., 1946, No. 731, required prescription of penicillin by a registered medical practitioner, whereas prescription by a duly qualified medical practitioner satisfied the Pharmacy and Poisons Act, 1933.

MR. LEONARD : I am advised that, by virtue of Section 34 of the Medical Act, 1858, the two expressions are synonymous and that current drafting practice favours the former.

MR. LEONARD also promised to look into the point whether arrangements could be made for penicillin to be supplied on prescription by veterinary surgeons.

Drawback on Theobromine

On the Committee stage of the Finance Bill, CAPTAIN CROOKSHANK asked for information on the proposal to remove title to drawback of cocoa duty on the export of theobromine which had been manufactured in Britain.

THE SOLICITOR GENERAL (Sir Frank Soskice) replied that the Clause had been inserted in the Finance Bill as the result of representations from the British manufacturers of theobromine. The position at present was that drawback was paid on the drug when it was exported. Before the war the cocoa residue was exported largely to the Continent, where it was used for the manufacture of theobromine. During the war, British manufacturers began to make theobromine in this country, and their output had been taken largely by the Ministry of Supply. Now they found themselves at a disadvantage compared with the foreign theobromine manufacturer, and had asked that they should be put into the same position with regard to the manufacture of theobromine in this country as manufacturers abroad. Under the proposal the person who proposed to use deposited or appropriated cocoa residue would be entitled to a drawback in respect of it, which would be the equivalent of the drawback he would get if he exported it. He would be placed exactly in the same position as the foreign manufacturer. The financial consequences to the Exchequer would be negligible.

The clause was approved.

TRADE NOTES

Sesqui-centenary.—James Woolley, Sons & Co., Ltd., Victoria Bridge, Manchester, 3, are this year celebrating the 150th anniversary of their foundation.

Thermometers.—S. Brannan & Sons, Ltd., Forest Hill, London, S.E.23, issue Brannan thermometers of clinical, household and industrial types.

Own-name Tablets.—T. J. Favell & Co., Ltd., 192 Seven Sisters Road, London, N.4, offer to manufacture and pack chemists' own specialities in any quantity.

Exclusive Distributors.—J. C. Gambles & Co., Ltd., 209 Blackfriars Road, London, S.E.1, have been appointed exclusive distributors in the United Kingdom of Tangee lipsticks.

Revised Formula.—Stemco, Ltd., 128 Albert Street, Camden Town, London, N.W.1, state that the formula of Flit has been modified to combine all the latest scientific developments in insecticides.

Trade Literature.—An eight-page booklet on the new Hepatex series of proteolysed liver extracts and a leaflet on Evans Derma powder (EDP) have been issued by Evans Medical Supplies, Ltd., Speke, Liverpool, 19.

New Size.—In response to requests, a new size of Alasil has been introduced by the manufacturers, A. Wander, Ltd., 5-6 Albert Hall Mansions, London, S.W.7. The new size contains fifty tablets.

Price Increase.—For the first time since before the 1939-45 war, the price of Nivea Creme is being increased on July 1 by the manufacturers, Herts Pharmaceuticals, Ltd., Bessemer Road, Welwyn Garden City.

The Only C.F. Foot Preparation.—It is pointed out by J. W. Simpson (Chemist), Ltd., Iodine House, Museum Street, London, W.C.1, that Simpson's foot ointment is the only foot preparation which is on the Chemists' Friends list.

Dutch Essential Oils.—The sole agents in the United Kingdom for Chemische Fabriek, Hoogezand, Holland, distillers of clove, ginger, caraway and other essential oils are Economic Utilities, Ltd., 56 Whitcomb Street, London, W.C.2.

Bonus Discontinued.—Musterole Fine Products Co., Ltd., Brook House, Park Lane, London, W.1, announce that, owing to extreme shortage of raw materials, they have found it necessary to discontinue the bonus on M.O. magnesia oil from June 30.

Sole Agency.—Watford Chemical Co., Ltd., 30 Baker Street, London, W.1, announce that they have been appointed sole agents in the United Kingdom, British Colonies and India for the Haarken oil (Dutch drops) manufactured by Claes Tilly, Haarken, Holland.

British Legion Jubilee.—The British Legion, which celebrates its silver jubilee this year, claims that its centres and sanatorium of occupational therapy have been studied by successive Pensions Ministers and have been copied in voluntary and public institutions.

Pharmaceutical Slide Rule.—A "specially designed direct-reading calculator for simplifying weights and measures, thermometric, and formula conversions in pharmaceutical, chemical, and cosmetic industries" has been introduced by a United States manufacturer.

Own Label Printing.—Attention is drawn on another page to the capabilities of the Adana printing machine in the field of label printing. Interested retailers are recommended to write to Department C.D.1, Adana Printing Machines, Ltd., 17 Church Street, Twickenham, Middlesex.

Selling Agency.—Beechams Pills, Ltd., St. Helens, Lancs. announce that they have taken over the selling agency of Phosferine (Ashton & Parsons), Ltd., Watford, Herts. Products affected are Phosferine tablets and liquid; Ashton & Parsons' infant powders; Sanacine; and Kemnos ointment.

Point-free Chocolate.—Dr. Spicer's Malto-bar, a malt chocolate containing calcium hæmoglobin and vitamin D, is available through wholesale chemists. The manufacturers are Affined Basic Chemicals, Ltd., 259 Roman Road, London, E.2. Customers are not required to surrender points for this preparation.

For Spring Cleaning.—British Disinfectant, Co., Ltd., Tottenham, London, N.17, announce that, following an improvement in bottle supplies, they are in a position to undertake deliveries of Sprim "triple-cleansing-strength" ammonia, the demand for which is being accelerated by extensive national and local advertising.

Indian Visitor to London.—Mr. Yaséen Qureshi, a partner in National Import and Export, 306 Bowbazar Street, Calcutta, arrived in London recently on a trade visit. Manufacturers of chemicals, drugs

and medicines desiring an agency in India are invited to communicate with him at 8 Cottesmore Gardens, London, W.8.

"Branded" Soapless Shampoo.—Ashe Laboratories, Ltd., 120-22 Victoria Street, London, S.W.1, have recently marketed bandbox Shampoo which, it is claimed, is scientifically adjusted to the normal pH of the skin and scalp, thus avoiding the possibility of alkaline reaction. The makers state that this preparation improves the appearance of the hair at once and, if used regularly, it promotes the growth of new hair. It is packed in attractively labelled bottles. Details may be obtained from the makers.

Research Report.—The annual report for 1945 on the work of the Ovaltine research laboratories has been issued by the proprietors, A. Wander, Ltd., 5 Albert Hall Mansions, London, S.W.7. The report deals with war-time supplies of feeding stuffs for dairy cattle and poultry, the food value of malt extract, and sources of vitamins, and includes valuable comments and suggestions. Pointing out that collaborative investigations into the values of various foodstuffs have been carried out between official and manufacturers' research laboratories, the writer of the report recommends further development of the policy of issuing standard food samples; the Ovaltine laboratories have provided a number of standards with which other food products are being compared, but it is suggested that the organisation responsible for the preparation of such food standards should be an independent body representing all interests. Work on vitamin C showed that meals at feeding centres during the period February-April in each year often provide insufficient amounts of vitamin C. Work is continuing on "apparent vitamin C"

found in appreciable amounts in unripe walnuts, and on the estimation of vitamin B₁ in tablets and other pharmaceutical products by fluorimetric methods.

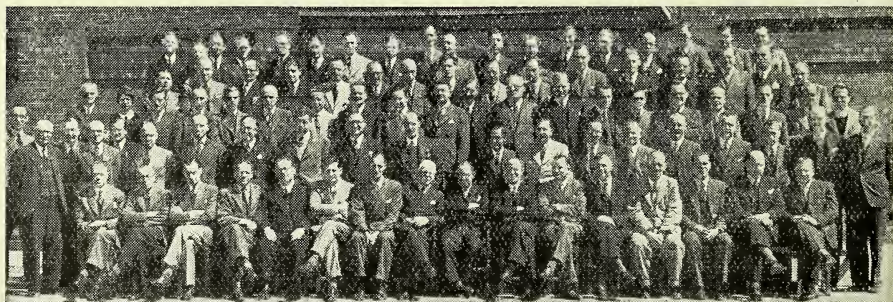
Price Increases.—GEORGE JACKSON & SONS, LTD., Harpurhey, Manchester, 9, invite chemists to write for new trade terms based on increased prices in operation from July 1 as a result of increasing costs of labour, raw materials and packing.—Continuing rises in costs of materials for Morgan's pomade have compelled the makers, MORGAN'S POMADE CO., LTD., Lavender House, Seymour Road, Leyton, E.10, to increase the price of this preparation from July 1.—Chemists are invited to write for a complete new price list recently issued by the SCHOLL MANUFACTURING CO., LTD., 182 St. John Street, London, E.C.1, which gives details of increased prices of the company's productions rendered necessary by rises in costs of raw materials. The increased prices come into operation on July 1.

Proprietary Articles Trade Association

Alterations to Protected List.—*Jeyes Sanitary Compounds Co., Ltd.*, Increased prices, June 17: Jeyes' sanitary powder, 1-lb. dredgers, 9d., 6s. 2d. doz. (exempt from tax).

W. T. Owbridge, Ltd., Increased prices, July 1: Owbridges lung tonic, ros. doz. (tax 1s. 8d. doz.), inclusive retail price 1s. 3d.

Wright, Layman & Umney, Ltd., Increased prices, July 1: Blacfrutex, ros. 3d. doz., tax one-sixth, i.r.p., 1s. 6½d. Garlixa, 4-oz., 8s. 3d. doz., tax one-sixth, i.r.p. 1s. 5d.; 8-oz., 13s. 9d. doz., tax one-sixth, i.r.p., 2s. 4d. Wright's lysol, 2-oz., 7½d., 5s. doz.; 4-oz., 1s., 6s. 3d. doz.; 1-gall., 13s., 89s. doz. (exempt from tax). Wright's saline, 4-oz., 13s. doz., tax one-sixth, i.r.p., 1s. 9½d.; 8-oz., 22s. 3d. doz., tax one-sixth, i.r.p., 3s. Tetmal tablets, 10's, 7s. 9d. doz., tax one-sixth, i.r.p. 1s., 100's, 67s. doz., tax one-sixth, i.r.p. 9s.



REPRESENTATIVES' CONFERENCE.—Representatives of May & Baker, Ltd., and Pharmaceutical Specialities (May & Baker), Ltd., photographed with executives of the companies at Dagenham, recently.

BUSINESS CHANGES

MR. JAMES FREDERICK CLARK has been appointed analyst to the City of Liverpool.

LIEUTENANT-COMMANDER M. A. MURCH, has been appointed sales manager to J. Walter Thompson Co., Ltd., 40 Berkeley Square, London, W.1.

HIRST, BROOKE & HIRST, LTD., manufacturing chemists, Sheepscar Works, Leeds, 7, are reopening their showroom at that address on July 1.

MR. M. M. LAMONT, M.P.S., has acquired the business of the late Mr. Thomas Armstrong, M.P.S., 642 Dumbarton Road, Dalmuir, Glasgow.

ORGANON LABORATORIES, LTD., Brettenham House, Lancaster Place, London, W.C.2, are taking over factory space at the Newhouse industrial estate, Lanarkshire.

MR. JOHN B. ELLARD, M.P.S., has taken up a position in the business of Mr. K. E. White, M.P.S., The Pharmacy, High Street, Ripley, Surrey, after being released from the Admiralty Service.

MR. O. B. HUGHES, Ph.C., has been appointed to the technical staff of Glaxo Laboratories, Ltd., Greenford, Middlesex, after working as a chemist in the Glaxo penicillin laboratory, Aylesbury.

MR. N. E. KEARLEY, A.M.I.E.E., has been appointed deputy director of the Council of Industrial Design, Tilbury House, Petty France, London, S.W.1.

MR. T. S. STEWART has been appointed sales manager of the yeast and malt-extract products division of the Distillers' Co., Ltd., in succession to Mr. Robert Pringle, who retired at the end of June after nearly fifty years' association with the department.

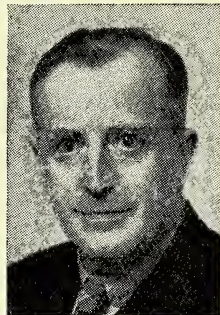
MR. A. R. CROSS, M.P.S., has purchased the pharmacies of Mr. T. C. Neville Booth, M.P.S., at 44 Cannon Hill, and 73 The Quadrant, Old Southgate, London, N.14, and will continue the businesses at the same addresses under the name of A. R. Cross (Southgate), Ltd.

MR. F. MELROSE, M.P.S., F.N.A.O., points out, with reference to a paragraph that appeared in this column on June 15, that he acquired the business of Alex. S. Templeton at 78 Main Street, Muirkirk, in 1943. In December 1944 he purchased the stock, fittings and goodwill of a pharmacy at 85 Main Street, which was merged with his own and the shop closed. The statement that he has disposed of his business to a Co-operative Society is at variance with the facts.

PERSONALITIES

MR. W. L. ALEXANDER, M.P.S., 9 Bargate Boston, Lincs, has been appointed a magistrate for the borough.

MR. ARTHUR WILLIAM HARRISON, Ph.C., this year's chairman of the Tees-side branch of the Pharmaceutical Society, served his apprenticeship with Mr. H. Wyatt, Bootle, Liverpool. He studied at the Pharmaceutical Society's School at Bloomsbury Square, London, and passed the Minor examination in 1904, qualifying as a pharmaceutical chemist the following year. He held assistantships at Southport, Kensington and Epsom before settling in Middlesbrough in 1912. He is a past-president of the Middlesbrough Pharmacists' Association and has been its treasurer for twenty-two years. He is also a member of the Pharmaceutical Committee.



PROFESSOR S. E. DE JONGH, Professor of Pharmacology at the University of Leiden, and one of a delegation of Dutch scientists visiting Britain under the auspices of the British Council, is during his stay meeting the staffs of the Wellcome Physiological Research Laboratory, the Chester Beatty Research Institute, and the laboratories of the Pharmaceutical Society, Organon, Ltd., and The British Drug Houses, Ltd.



IRISH MALT EXTRACT FOR EUROPE.—Packing a consignment of malt extract with cod-liver oil at the Santry, co. Dublin, factory of Lillmar Pharmaceuticals, Ltd., for dispatch to the International Red Cross at Geneva prior to distribution amongst needy children in Europe. The consignment is being sent at the instance of the Irish "Save The Children" Fund in Dublin.

WILLS

MR. ALEXANDER ALLAN, M.P.S., Moray Park, Island Bank Road, Inverness, left £22,494.

MRS. MARY COLLINSON, M.P.S., Church Road, Leckhampton, Cheltenham, left £557, with net personalty £512.

MR. THOMAS RILEY, M.P.S., 15 Avondale Court, South Woodford, Essex, left £1,128, with net personalty £714.

MISS MARJORIE ISOBEL CLELAND, M.P.S., 100 Woodlands Avenue, Blake Hall Road, Wanstead, London, E.11, left £438.

MR. HARRY BERTRAM EVANS, M.P.S., 315 Edgware Road, London W.2, left £1,200 gross, with net personalty £1,177.

MRS. FLORA HOGGARTH MINNS, M.P.S., 4 New Broadway, Hillingdon, Middlesex, left £3,816, with net personalty £825.

MR. SURTEES HARRY SHARPE, M.P.S., 158 Oxford Road, Cowley, Oxford, manager of G. B. & W. K. Rose, Cowley, left £224.

MR. JOHN LEONARD ROSE, 10 Rothsay Gardens, Bedford, retired chemical manufacturer, left £124,771, with net personalty £122,047.

MR. FREDERICK WILLIAM MARSHALL, M.P.S., 1 Mispah Villas, Fairview Avenue, Stanford-le-Hope, Essex, left £4,318, with net personalty £3,618.

MR. ALEXANDER PHIMISTER MCCALLUM, M.P.S., 18 Castle Avenue, Corstorphine, Edinburgh, formerly of 8 Meadowbank Place, Edinburgh, left £5,649.

MRS. HILDA GARWOOD KNOWLSON, Market Place, Easingwold, Yorks, wife of Mr. Lewis A. Knowlson, M.P.S., left £3,391, with net personalty £2,535.

MR. ERNEST GABRIEL JONES, M.Sc., F.R.I.C., 16 Sefton Drive, Liverpool, deputy analyst of the City of Liverpool, left £5,048, with net personalty £4,991.

MR. WILLIAM SAVOURY, 66 Swanage Road, Southend-on-Sea, Essex, retired scientific instrument maker, left £4,927 gross, with net personalty £1,223.

MR. WILLIAM BATCHELOR, M.P.S., Cresta, Letchmore Road, Radlett, Herts, formerly of Salusbury Road, Kilburn, London, N.W., left £7,606, with net personalty £5,994.

MR. DAVID LOW CROMBIE, 72 Morningfield Road, Aberdeen, formerly a director of Albumoid Products Co., Ltd., left personal estate in Great Britain valued at £92,558.

MR. LAWRENCE DRYSDALE, Godwins, Blackhall Lane, Sevenoaks, Kent, chairman of Chulsa (Selangor) Rubber Co., Ltd., left £61,792, with net personalty £58,883.

MR. HENRY GRANDAGE, The Hey, Marsden, nr. Huddersfield, a founder member and former president of the Society of Dyers and Colourists, left £4,757, with net personalty £4,690.

MRS. JANET JENNINGS, 4 Benwood Court, Benhill Wood Road, Sutton, Surrey, widow of R. T. C. G. Jennings, Ph.C., Clapham, London, S.W.18, left £8,141, with net personalty £8,072.

MR. ALBERT THOMAS TYLER, M.P.S., Old Timbers, Compton Avenue, Parkstone, Dorset, and 50 Beak Street, W.1, formerly European manager of Parke, Davis & Co., left £7,036, with net personalty £6,815.

MR. FRANK PLEWS, M.P.S., 9 Church Street, Staveley, nr. Chesterfield, Derbyshire, manager of Nuttalls (Chemists), Ltd., Church Street Pharmacy, Staveley, left £1,206, with net personalty, £1,156.

MR. JOHN TALBOT WYLDE, 9 Patricia Avenue, Goring-by-Sea, Sussex, formerly manager of the London Office of Clayton Aniline Co., Ltd., Manchester, left £10,720, with net personalty £9,295.

MR. THOMAS CHARLES CLARK, Shandon, Stafford Road, Penkridge, Staffs, formerly a director of T. C. Clark & Co., Ltd., enamelled chemical plant manufacturers, Wolverhampton, left £7,209, with net personalty £6,454.

MR. CHARLES PRITCHARD, 93 Egerton Road, Whalley Range, Manchester, for many years representative in Wales for James Woolley, Sons and Co., Ltd., Manchester, left £1,593, with net personalty £1,532.

DAME EDITH JANE SPENCER HALE-WHITE, 24 Warnborough Road, Oxford, wife of Sir William Hale-White, K.B.E., M.D. (a former president of the Royal Society of Medicine), left £25,029, with net personalty £24,985.

MRS. RUTH PARKE LING, widow of the late Mr. Charles Reginald Ling, M.P.S., and formerly senior director and chairman of C. R. Ling, Ltd., dispensing chemists, St. Mary's Street, Bungay, Suffolk, left £10,677. The premises and residue of the estate are left to Mr. and Mrs. W. T. Courtney, directors.

BIRTH

MENZIES.—At Woodside, Dalmuir, on June 14, Agnes Menzies (née Greenlees), the wife of John Menzies, M.P.S., of a daughter.

DEATHS

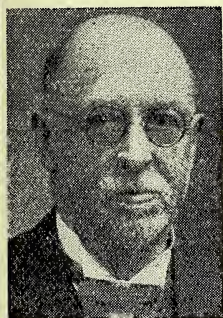
BRIGHAM.—At a hotel in Bridlington, on June 22, Mr. Edwin Beal Brigham, Ph.C., formerly of Chester Road, Little Sutton, Wirral, Cheshire, aged seventy-six.

COCKROFT.—On June 7, Mr. George Henry Cockroft, 4 Willow Grove, St. Luke's, Southport, aged sixty-four.

COOPER.—At Ecclefechan, on June 9, Mr. George Paterson Cooper, M.P.S., 45 Lipmount Avenue, Trinity, Leith. Mr. Cooper qualified in 1898.

FIELDEN.—At Belfast on June 5, Dr. V. G. L. Fielden, M.D., aged seventy-nine. Dr. Fielden was for many years lecturer in practical pharmacy and dental materia medica at Queen's University, Belfast, and was a former University representative on the Council of the Pharmaceutical Society of Northern Ireland. He was senior anaesthetist at the Royal Victoria Hospital, and was closely associated with the late Sir William Whitla in the preparation of the latter's celebrated "Materia Medica."

FOWLER.—In Hertford County Hospital, on June 22, following a major operation, Mr. William Henry Fowler, Ph.C., The



Pullings, London Road, Knebworth, Herts, aged eighty. Mr. Fowler qualified in 1888 and passed the Pharmaceutical Chemist examination the same year. Until March of this year he was secretary of the County of Surrey Pharmaceutical Committee. It will be recalled that a complimentary dinner to Mr.

Fowler was then given in recognition of his thirty-two years' service to the Committee.

MARSHALL.—At Mount Vernon Hospital, on June 6, Mr. Albert Marshall, for several years manager in Bombay, India, for Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), London, aged forty-six. Mr. Marshall qualified as chemist and druggist in 1921.

PLANT.—On June 19, Mr. John Grindal, Brayton Plant, Ph.C., West Hol Bryniau, Llandudno, aged fifty-four. Mr. Plant qualified as a chemist and druggist in 1914, and passed the Pharmaceutical Chemist examination in the same year. At the time of his death he was a representative of Kolynos (Sales), Ltd.

ROSS.—On June 11, Mr. William Stewart Ross, 9 Oak Timbers, High Street, Bantstead, Surrey, aged sixty-four.

SEWELL.—On June 12, Mr. James Walker Sewell, M.P.S., 57 Park Road, Kingston-on-Thames, aged seventy-seven.

STONES.—On April 2, Mr. William Henry Stones, Thistledoon, Westley Road, Bury St. Edmunds, Suffolk, aged sixty-nine. Mr. Stones qualified as a chemist and druggist in 1899 and was in business in Ipswich and Bury St. Edmunds. He was chairman of the West Suffolk Insurance Committee for many years. After retiring from business he became town councillor and member of the local public health and housing committees. A leading Freemason, Mr. Stones held Provincial rank.

SYKES.—On June 13, Mr. Henry Vincent Sykes, Ph.C., 137 Meanwood Road, Leeds, aged sixty-nine. Mr. Sykes founded his business at that address in 1910, retiring in 1945. He is survived by his widow.

TIDY.—On June 17, Mr. William Harry Albert Tidy, 17 High Park Place, Southport, Lancs, aged fifty-three. Born in Jamaica of British parents, Mr. Tidy was educated at Ormskirk and served his apprenticeship to Mr. W. Woods in that town. Later he went as manager to Kendrew & Orr at Southport, and in 1922 commenced business on his own account at High Park Place. He was an active worker at Churchtown Congregational Church. At the funeral the Southport Chemists' Association was represented by Messrs. T. Johnson, J. Denham and F. Orr.

TURNER.—On May 20 Mr. John Henry William Rich Turner, M.P.S., 31 Broom Lane, Rotherham, Yorks. Mr. Turner qualified in 1899. He served his apprenticeship with Mr. Humphrey Davy in Bridgegate, Rotherham. Later he became manager for Mr. J. T. Bolsover, St. Annes Road, retiring about fifteen years ago. For thirty years Mr. Turner was secretary to the Rotherham Chemists' Association, and from 1912 was chemists' representative on the Rotherham Insurance Committee.

CANADIAN NOTES

University Pharmacy Department.—The University of British Columbia, Vancouver, will open a pharmacy department next September, headed by Mr. E. L. Woods, Dean of the College of Pharmacy at the University of Saskatchewan. A joint \$60,000 pharmacy-biology building is planned. The course will probably extend over three years.

V.C. Appointed Vice-president.—Mr. James Hill, jun., president of Sterling Drug, Inc., has announced the appointment of Major Frederick A. Tilson, V.C., of Toronto, as vice-president of Sterling Distributors, Ltd., Canada. Before enlistment, Major Tilson was associated with the Sterling organisation for eleven years and for a time acted in the capacity of sales manager for the Canadian company.

Penicillin Plant Transferred.—Transfer of the land and buildings of a Montreal plant producing penicillin to the custodian company, Ayerst, McKenna & Harrison, Ltd., is reported by the Custodian Sales Section of War Assets Corporation in its statement for the first half of March. The land and buildings occupied by the firm for war-time production cost \$710,681 and it has now been sold for \$200,000, a recovery of 28.1 per cent.

New Retail Shops.—Two new retail shops have been opened by G. Tamblyn, druggists, this year. Early in the year a new branch was opened in Cornwall and more recently, another in Owen Sound. This brings the company's chain to seventy drug stores throughout Ontario. More units are planned. A special meeting of Tamblyn's shareholders approved an increase in capital by the creation of an issue of 15,000 4 per cent. preferred shares, and a further 88,000 ordinary shares.

Maximum Prices Reimposed on Drugs.—Maximum prices have been reimposed on drugs, the War-time Prices and Trade Board announced recently. The action of the Board did not affect the recent suspension of maximum prices of proprietary and patent medicines and household remedies. Officials explained that the step was necessary to avoid confusion between drugs which had been suspended from the price ceiling and certain chemicals which remained under price regulations. The action now taken by the Board did not imply that the trade had at any time taken advantage of the suspension of ceilings.

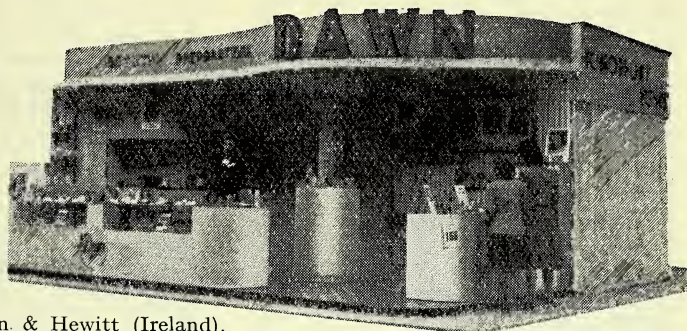
Mr. W. A. S. Ayerst Retires.—Retirement of Mr. W. A. S. Ayerst as president of Ayerst, McKenna & Harrison, Ltd., and the appointment of Mr. W. A. Leslie as president are announced. Mr. Ayerst, who has been identified with the pharmaceutical field since 1894, is one of the founders of the company bearing his name and has held the presidency since its formation in 1924. He will continue as a member of the board of directors. Mr. Leslie joined the firm in 1934 and has latterly been vice-president and general manager.

National Drug & Chemical Co. Report.—The National Drug & Chemical Co. of Canada, Ltd., reports net profit for 1945 at \$249,555, compared with \$230,911 for 1944; dividends from subsidiary companies and other income amounts to \$171,403. After charges, the net income amounted to \$241,876, as against \$206,207. After allowing for 6 per cent. preferred dividends, the balance was equal to 82 cents per share on the ordinary stock, as against 62 cents per share for 1944. The company was incorporated in Canada in 1905 as a merger of seventeen wholesale businesses.

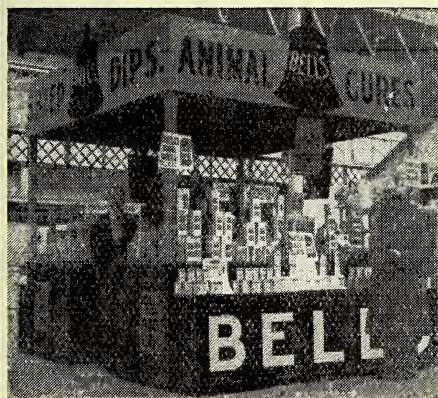
New Vitamin Rules.—Canada has the best vitamin regulations in the world, from the point of view of the consumer, according to Dr. L. B. Pett, Dominion nutritional expert. Commenting on the latest changes in regulations concerning the labelling with vitamin content of products under the Food and Drugs Act, Dr. Pett said they constitute additional protection for consumers. Under the new rules, where any mention is made of a vitamin content, the label must bear a statement of the amount of the vitamin present. The new rules ensure that if the label claims a certain vitamin content, that amount is present. Prosecutions will follow violation. In addition, labels may claim that the contents constitute a "good dietary source" of the vitamins mentioned only when they meet the standards established in the new regulations. The product must contribute in a reasonable daily intake not less than: Vitamin A, 600 international units; thiamine, 0.18 milligram; nicotinic acid, 3 milligrams; riboflavin 0.25 milligram; ascorbic acid, 7.5 milligrams; vitamin D, 160 international units; vitamin B complex, any three of the following factors: Thiamine, 0.15 milligram; riboflavin, 0.15 milligram; nicotinic acid, 0.8 milligram; pyridoxine, 0.15 milligram; pantothenic acid, 0.25 milligram.

EXHIBITORS AT IRISH INDUSTRIES FAIR

FOR the first time since 1938 Irish pharmaceutical and allied industries had an opportunity of participating in an industrial exhibition when they took stands at the Royal Dublin Society's Spring Show and Irish Industries Fair, held at Ballsbridge, Dublin, recently. There were exhibits by Day, Son. & Hewitt (Ireland), Ltd., Dublin (animal remedies); Plant Protection, Ltd., Yalding, Kent (insecticides) and other manufacturers.



Dawn, Ltd., Dublin
(beauty preparations)



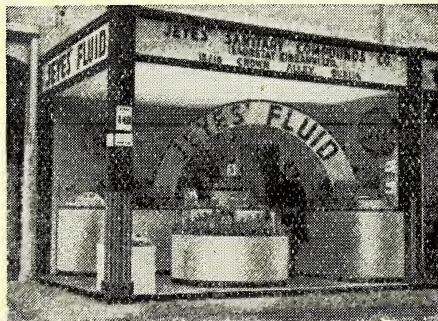
Henry Bell, Ltd., Waterford



Watsons (Hayes, Conyngham & Robinson, Ltd.),
Dublin



Lilmar Pharmaceuticals, Ltd., Santry



Jeyes Sanitary Compounds Co. (Saorstát Éireann), Ltd.,
Dublin.

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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

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A Fine Achievement

FOR the first time since the war began Britain's exports, vital to the welfare of her people, have passed the 1938 average monthly volume. To have reached by the fifth month of the year an export figure originally thought to be attainable only by the end of the year is a fine achievement of which British industry may justifiably be proud. Throughout the past six months, the rate of British exports has more than doubled, rising from 50 per cent. of the 1938 monthly volume for the last two months of 1945 to 115 per cent. in May 1946. While there is ample cause for satisfaction with the latest export returns, it can by no means be assumed that the overseas trade has now reached "normal" proportions, or is even any great distance along the way towards that goal. To balance trade at the pre-war standard of living requires exports at 175 per cent. of the 1938 volume, a figure that may be difficult to reach and maintain against increasing competition from other countries entering the export race. The volume of exports, excluding re-exports, for May was £85.2 millions, compared with £69.4 millions in the previous month, and £38.2 millions in May 1938.

The summary tables on pp. 5-6 of the Trade Returns (Stationery Office, 4s. 6d.) show that "chemicals, drugs, dyes and colours" exported during May were valued at £6,256,915, an increase of no less than £3,667,281 over the corresponding month

of the previous year, and £4,400,266 over May 1938. Already this year exports of the "chemicals" group have exceeded £27 millions in value, the fourth largest of the groups represented in the tables. From the detailed figures the following returns for the month under review may be selected as of interest to the drug trade, the corresponding 1938 figures being given in brackets: Flavouring essences, etc., £80,806 (£20,554); malt extracts, etc., £7,646 (£19,295); gums, £32,275 (£5,536); waxes, £43,989 (£14,032); stearic acid, £9,191 (£6,825); scientific glassware, £71,554 (£9,803); glass bottles, jars, etc., £42,677 (£24,635); safety razors, £28,322 (£10,111); safety razor blades, £148,808 (£37,605); cameras, £16,930 (£8,473); disinfectants, insecticides, etc., £260,354 (£65,510); glycerin, £45,985 (£32,819); perfumed spirits, £18,398 (£17,746); drugs, medicines and other medicinal preparations, £1,147,978 (£273,478); perfumery and toilet preparations, £399,442 (£96,497).

Conference Optimism

FACED with difficulties hardly less than those of the war years (perhaps, in some ways, even greater), the organisers of the British Pharmaceutical Conference, 1946, have shown commendable courage and enterprise. Return is not yet possible to the arrangements of peace, when the Conference was a festive, social and sporting, as well as scientific, occasion, but the 1946 meeting is something more than a mere half-way house to normality. The Committee has not resigned itself, as it might have done with little justification for criticism, to complete "austerity." There is to be a dinner and dance that bids fair to strain the capacity for accommodation, especially as it is open to a limited number of guests who are not actual Conference visitors. More than this, however, in its promise of expansion and development at future meetings is the innovation of a Symposium Session. The subject chosen for discussion at the first of what should prove, with support, a long line of similar sessions in the years to come has been announced. Two aspects of penicillin as it affects pharmacists are being introduced by Mr. C. E. Coulthard and Professor Berry,

and the importance which is everywhere attached to this advance in chemotherapy will no doubt ensure a wealth of contributions from the floor, developing or modifying those from the platform. The Science Papers, a list of which is given in the next column, cover a wide range from pharmacognosy to pure pharmacy, and from pharmaceutical chemistry to bacteriology. Difficulties that may prevent many provincial pharmacists from making the trip to London this year will encourage them to give more than usual attention to the Press accounts of the Conference, and THE CHEMIST AND DRUGGIST aims to present a full and adequate picture of the scientific and social proceedings.

A Sign of the Times

AN acceleration in the trend towards trading under limited liability is disclosed by a study of the number of new companies now being registered. In a normal pre-war year the number of companies registered in Great Britain, Northern Ireland and Eire was in the region of 12,000. During the war years, as might be expected, the figures showed a good deal of fluctuation, but on the average remained fairly high. Since January 1 of this year until mid-June the number of companies registered was 9,800 and it is anticipated that before the end of the year more than double the number of pre-war annual registrations will have been made. With few exceptions the new companies now being registered are private concerns, due no doubt to the various restrictions placed on public companies.

So far as the drug trade is concerned the figure of new companies registered appears fairly closely to follow the general trend. Since January 1, 1946, some 237 companies, within the drug trade, have been registered, i.e. approximately 2.5 per cent. of the total. While it is difficult, in view of the comprehensive range of activities usually specified in company registrations, to break the figure down into specific categories, it is possible to compile an approximate division into three main groups: number of new "drug trade" companies registered, 237; retail, 105; wholesale and manufacturing, 65; cosmetics and toilet preparations, 31; miscellaneous, 36.

PHARMACEUTICAL CONFERENCE SCIENCE PAPERS

THE titles of the Science Papers to be read at the British Pharmaceutical Conference, London, on July 16 and 17, are as follows:—

- "The Determination of Arsenic in Organic Arsenic Compounds" (C. W. Ballard).
- "The Fruit of *Lobelia Inflata*, Linn" (J. Malcolm Davies).
- "A Study of the Equilibria in Solutions of Neutral Derivatives of Sulphonamides" (H. J. Barber and J. H. Wilkinson).
- "Storage of the Proposed Solution of Adrenaline Hydrochloride and Injection of Adrenaline Tartrate." (G. B. West).
- "Estimation of Progesterone in Ethyl Oleate Solution" (W. F. Elvidge).
- "The Determination of Adulterants in Drugs consisting of Leaves" (J. L. Forsdike).
- "Disintegration of Tablets" (H. Hoyle).
- "A Disintegration Test for Tablets" (H. P. France, D. Stephenson and A. Taylor).
- "Ipecacuanha — Differential Histological Characters for the Commercial Varieties" (Colin Melville).
- "Indian Squill and its Differentiation from European Squill" (H. Owen Meek and J. L. Forsdike).
- "The Preparation of Non-pyrogenic Water and Infusion Fluids, using Activated Charcoal" (H. Brindle and G. Rigby).
- "Some aspects of Penicillin Stability" (E. Lester Smith).
- "Stability of Penicillin Solutions" (R. Denston).
- "A Note on the Colorimetric Estimation of Morphine" (D. C. M. Adamson and E. P. Handiside).
- "The Mixed Alkaloids of *Hyoscyamus Muticus*: A War-time Application" (G. Amor, G. E. Foster, A. M. Green and D. Stephenson).
- "The Testing of Drugs and Pharmaceutical Preparations for Sterility—A New Technique" (G. E. Davies and A. G. Fishburn).
- "Note on the Effect of Type of Capillary Glass on the Melting Point of Aspirin" (H. W. Johnson and C. W. Ballard).
- "Riboflavine in Malt Extract" (Chloe Klatzkin, F. W. Norris and F. Wokes).
- (At the Symposium Session) "Penicillin." 1, Assay (C. E. Coulthard); 2, Pharmaceutical Preparations (Professor H. Berry).

A time-table of the Conference was given in the *C. & D.*, May 11, p. 601. A limited number of tickets is available for the dinner and dance at 30s. each; these will be issued to members who apply for them (up to the number available) after the two-day tickets have been allocated. Applications should be accompanied by remittance made payable to the Treasurer of the Conference.

CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS



Mr. H. NOBLE, B. Pharm., Ph.C.
Secretary, Drug Trade Council

LAWN FERTILISERS

THE correct manurial treatment for the maintenance of fine lawns has long been the subject of controversy amongst amateur gardeners. Treatment is frequently prescribed on lines suitable for food or flower production, or even agricultural grassland, yet manurial and other treatments required for well-kept turf differ strikingly from those used for other purposes. Realising this, the British Golf Unions' Joint Advisory Council, with the support of an advisory committee composed of eminent scientists, set up in 1929 the St. Ives Research Station at Bingley, Yorkshire, devoted solely to the study of turf in its various aspects, especially the maintenance of golf course swards. The Station is not State or rate supported but is financed solely by subscriptions from golf, bowling, and general sports clubs, as well as private lawn owners. The conclusions that have emerged are the result of extensive experiments and trials carried out over a period of seventeen years, and scientific data is constantly being accumulated and turned to practical advantage.

Fertilisers to suit Varied Grasses

In general, a growing plant requires nitrogen, potassium, phosphorus, and calcium (usually referred to as nitrogen, phosphoric acid, potash, and lime) to maintain healthy growth. In addition, minor elements are required such as manganese, magnesium, boron, chlorine, sulphur, etc., but they are adequately supplied in most soils. Naturally the addition of the three major elements is, however, necessary as relatively large quantities are removed under lawn conditions. The type of fertiliser to be used on fine lawns must be chosen with due regard to the type of grass which is being grown. In nature, the finer species of lawn grass, such as bent and fescue, are usually found on acid and infertile soils, and the plants can exist with a minimum of essential elements. Experiments at the St. Ives Research Station have shown that in general organic manures are the least suitable for the production and maintenance of fine lawns. Nitrogen is required in largest amounts, and, to supply it, sulphate of ammonia should be used in preference to materials such as nitro chalk or nitrate of soda, since the continued use of the latter materials tends to encourage weeds and earthworms. Phosphates may be applied as superphosphate and bone meal, the former containing quickly avail-

able phosphate, whilst the latter contains slowly available phosphate. The third element, potash, is less important than the other two and, if supplies are short, no harmful effects will be evident by omitting it over a short period of time. The quantity of fertilisers required for any given lawn naturally varies with circumstances and conditions, but broadly speaking a basal dressing of

Sulphate of ammonia	1 oz.
Superphosphate	1 oz.
Sulphate of potash	1 oz.

bulked with 4 or 5 oz. of carrier should be given per sq. yd. to the turf during the early spring. In the growing season two or possibly three dressings (depending upon the amounts of growth) of $\frac{1}{2}$ oz. sulphate of ammonia per sq. yd., adequately bulked with a carrier, should be uniformly applied to maintain a strong growth. Compost that has been prepared from well-decomposed animal dung, and soil supplemented with fine peat and sand, should be used as a carrier for basal dressings or sulphate of ammonia applications, and it may also be used without additions in the autumn or early spring. The misuse of lime can rapidly ruin a well-kept turf. Maintenance of the soil in a slightly acid condition has been shown to be desirable, and so normally except under very acid conditions, no lime in any form should be applied, as alkalinity unduly favours a number of turf weeds which are thus enabled to compete more readily with the lawn grasses. Earthworms also prefer a limy soil. Worms are obviously incompatible with fine turf production.

Correct mowing is most important. Mowing should be frequent and not too severe.

Moss on Bowling Greens

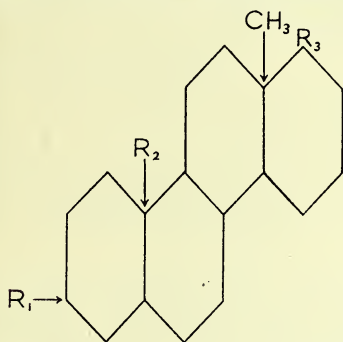
Moss on bowling greens may be caused by a variety of factors so widely divergent as under-drainage, over-drainage, soil poverty, or lack of top soil. The real cause should be found, and treatment prescribed accordingly to alleviate the condition. For example, the most frequent cause of moss on greens is a paucity or poverty of top soil. This can be counteracted in course of time by regular top dressings with compost, or a mixture of weed-free soil and sand. Chemical methods for moss destruction are available but, unless the cause is removed, the moss may tend to recur. Care must be taken to distinguish true moss from the common and insidious weed called pearlwort.

SEX HORMONES

Abstract of an address given recently by Professor A. C. Frazer (holder of the Chair of Pharmacology, Birmingham University) to members of the Birmingham Pharmaceutical Association at a meeting arranged by the Association's Scientific Section.

THE internal secretory function of the sex glands was demonstrated nearly a hundred years ago by Berthold, but only during the past twenty-five years have the great advances been made which form the basis of our present knowledge in the subject. The sex hormones may be divided into three major groups, the oestrogens, androgens, and progestins. All these compounds have the same central sterol structure, and the close chemical relationship between them is indicated in the formula and table below:—

General Formula of Sex Hormones



The progestins are concerned with the general characteristic changes associated with pregnancy. Both androgens and oestrogens probably occur in both sexes. In the male, androgens predominate, whereas the balance is in favour of oestrogens in the female. The balance between the sex hormones is complicated by the implication of the pituitary glands through its gonadotrophic hormones, and by relationships with other endocrine organs such as the adrenal and thyroid. If one endocrine organ functions abnormally it may result in altered function in other glands, and this applies particularly with the sex glands.

Classification of the Sex Hormones

ESTROGENS

1. Female secondary sexual characteristics.
2. Menstruation.
3. Ovulation.

ANDROGENS

Male secondary sexual characteristics.

PROGESTERONE

1. Inhibition of menstruation and ovulation.
2. Changes in, and maintenance of, pregnancy.

Hormone Dysfunction

A lack of balance between the various sex hormones and associated substances may cause a profound effect on general bodily function. These effects include changes in the genital organs, breasts or prostate; changes in growth or fat deposition; changes in metabolic activity due to effects on the thyroid; changes in skin texture, hair distribution or mentality; and changes in the automatic control of the cardiovascular, digestive and other systems. Some indication of alteration in balance may be determined by investigating the urinary excretion of associated sterols. The imbalance may be either physiological or pathological. The three common occasions for physiological imbalance are puberty, the climacteric and pregnancy. At puberty the changes in the genital glands, sudden increase of growth, increase or decrease of adiposity, change in hair growth, and the occurrence of acne are well-known. It is not uncommon for boys or girls at this time to develop mild hyperthyroidism, to flush

	R_1	R_2	R_3
Estrone	OH	H	=O
Estradiol	OH	H	OH
Testosterone ..	O	CH_3	OH
Androsterone ..	OH	CH_3	=O
Progesterone ..	O	CH_3	OC CH_3
Desoxy-cortico-sterone	O	CH_3	OC CH_2OH

The general effects of sex hormones (see next column) are similar in different species. In the human subject the oestrogens are responsible for maturity in the female, and the androgens for maturity in the male. The changes which these hormones bring about at puberty involve not only the genital glands, but also a number of secondary changes such as change in hair growth, fat deposition, pitch of the voice and mental outlook, in both sexes.

easily, to have various minor digestive upsets, and to undergo a marked change in mental outlook from the egocentricity of childhood to a greater awareness of the outside world so often associated with great enthusiasm for reformation and idealism. At the climacteric which occurs in the female between the ages of forty-five and fifty and in the male between fifty-five and sixty, similar signs and symptoms of imbalance are often seen. Retrogressive changes may occur in the sex glands, there may be changes in fat deposition, and mental depression is common even to the extent of melancholia. Changes in hair growth, flushing of the face, palpitations and similar disturbances are commonly encountered. In pregnancy a variety of changes also occur associated not only with the uterus and breasts, but also with the skin, the digestive system and the mental outlook. The pathological changes are generally associated either with hypo- or hyper-function of the genital glands, or such changed function as may sometimes be associated with tumours of the adrenal or pituitary glands. Thus, it is not uncommon for tumours of the adrenal gland to be associated with virilism in young girls.

Hormone Preparations

There are many preparations of sex hormones on the market. Unfortunately many different names are used which leads to much confusion. Broadly speaking, the preparations may be grouped as follows: oestrogens either as purified natural products of known composition, natural concentrates or synthetic derivatives. Generally, esters have a more lasting effect than non-esterified preparations. Various preparations are available for different types of administration. Androgens are best administered parenterally as the synthetic testosterone propionate in oil. Testicular extracts are of little value. Progestins should be given parenterally as the synthetic progesterone in an oily vehicle. With any purified compound these substances should be prescribed by weight rather than by units. The gonadotrophic hormones are available in three forms which can be shown to have individual characteristics; they are: the pituitary gonadotrophic hormone; the chorionic type obtainable from pregnancy urine; and that obtained from pregnant mare's serum. The sex hormones may be used successfully in therapeutics but it is important that their use should be adequately controlled, particularly because some of these compounds

have carcinogenic properties. Potent hormones may be used for replacement therapy in such conditions as faulty pubertal development or in castrates, and they may also be used effectively in the alleviation of menopausal symptoms. There is evidence of relief following appropriate hormone therapy of the cardiovascular symptoms and mental changes which may occur at this time. Sex hormones may also be used to produce certain specific effects, especially on the sex organs, as indicated in the table here reproduced.

	ŒSTROGENS	PROGESTERONE	TESTOSTERONE
Vagina	+(G+)	O	—
Endometrium ..	(G—)+	(G+)+	—
Myometrium ..	+	—	—
Ovary (ovulation)	+	—	—
(luteinisation)	—	+	—
Breasts	+	+	—
	(size & ducts)	(alveoli)	
Prostate	+	O	+
	—	—	—
Descent of testicle	O	O	+

Localised effects of sex hormones representing stimulant of growth or movement.

G refers to glycogen content.

O means no act'n.

It may be seen from this that oestrogens might be used in senile vaginitis, that progesterone might be effective in threatened abortion, that congestion of the breasts might be alleviated by testosterone, and that the prostate gland, even when cancerous, might be affected by sex hormone therapy.

In conclusion, it may be said that the sex hormones constitute a powerful addition to modern therapeutics. It is of the greatest importance that their use should be based on a full understanding of their pharmacological properties, and a clear appreciation of the dangers attendant upon their abuse. The uncontrolled and irrational use of these drugs cannot be too strongly deprecated.

Paper for Wrapping.—Mr. L. W. Belcher, M.P. (Parliamentary Secretary to the Board of Trade) stated at a meeting in London recently that, if housewives wished shops to continue wrapping parcels, they must save more waste paper. Moreover, he pointed out, many manufacturers were unable to deliver goods because of lack of supplies of paper for cartons. During 1946 collections of waste paper must be increased by 100,000 tons.

1846 PRICE-CUTTER PAYS 1946 BONUSES

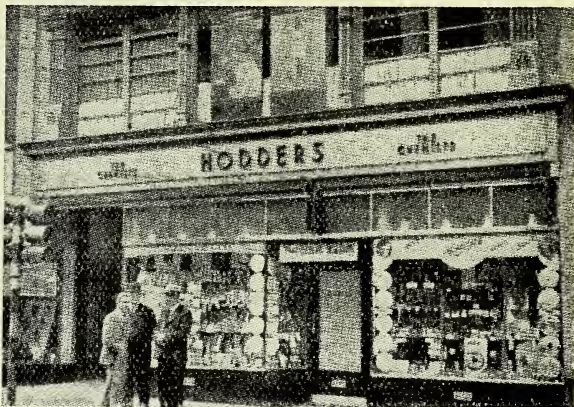
A PIONEER price-cutter still flourishing in 1946? Some mistake there, surely. Bonuses, too! What is the P.A.T.A. doing in its jubilee year, that such things can happen? Does this sound like "Fifty Years of Price Protection"?

Fortunately, there is an explanation, and one creditable to both sides. Undoubtedly, when Henry Hodder opened his pharmacy at St. Michael's Hill, Cotham, Bristol, in 1846, he set himself drastically to cut prices. To the success of his efforts there is ample testimony in the unenviable reputation he had for many years among Bristol chemists, while the evidence of his being in business at Cotham is attested by local street directories of the time. Equally certainly the directors of Hodders, Ltd., declared, at their annual meeting, recently, a special centenary bonus dividend of 8 per cent. to shareholders, and voted an extra week's remuneration to every member of the staff.

Now a Loyal Supporter of the N.P.U.

The catch? This—that at some time in the history of the business there came a change of policy. To-day, the company is a loyal supporter of the National Pharmaceutical Union, paying subscriptions for each of its thirty branches, and, indeed, for the twenty-seven branches of its associated company Hedges (Chemists), Ltd., Birmingham. Undercutting is no longer the policy. Moreover, the branches are strictly pharmaceutical to the extent that in none of them is there any dealing in sidelines such as alarm clocks, books, toys or any of the hundred and one items (outside drugs, toilet preparations, cosmetics, surgical sundries and photographic supplies) that are usually associated in private pharmacists' minds with company chemists' trading.

When did so fundamental a change take place? That is not so easy to define with any certainty. Henry Hodder sold the Cotham business in 1853 to Edward Maish, and himself removed to Broad Street, Bristol (next to the Guildhall and Bristol Branch of the Bank of England), where for fifty years he applied his price-cutting



Main shop of Hodders, Ltd., in High Street, Bristol.

policy with palpable success. The policy was deliberate. He had served an orthodox apprentice with his brother at Hot Wells, Clifton, and gained experience as an assistant with other chemists in Bristol before setting up for himself. The business was incorporated as a private limited company in 1887. It is on record that in 1896 the directors reached the decision, after solemn discussion, to reduce the price of Beecham's pills from 9½d. to 9d. and the price of Carter's little liver pills from 10d. to 9½d.

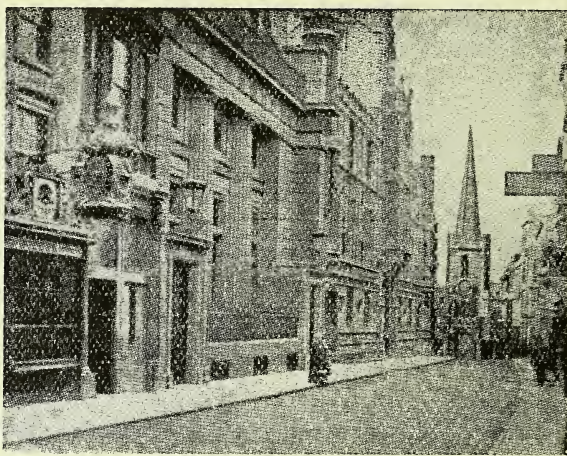
At that time the business was under the management of the late Mr. Edmund Carpenter, who in 1895 was elected to the board and became managing director. The following year (i.e., after exactly half the lifetime of the business to date) the first branch was opened at East Street, Bedminster, and this was followed in fairly rapid succession by other branches, some of them opened as new businesses and others purchased from established chemists. In 1903, when the number of branches had reached nine, the principal establishment was transferred to 11-12 Wine Street. A second removal took place in 1936 to High Street, where the handsome premises illustrated on this page were opened.

Public Company

By 1927, the year in which Hodders, Ltd., was floated as a public company, the number of branches had risen to seventeen, including one in Weston-super-Mare

(purchased 1912) and two in Bath (one of them the branch in New Bond Street, acquired in 1903). The issued capital of the public company was £200,000, made up of 200,000 8 per cent. cumulative preference shares of 10s. each and two million ordinary shares of 1s. each. The issue was heavily oversubscribed. First outcome of the introduction of new capital was the acquisition of the entire capital of F. Moss & Son, Ltd., a pharmaceutical business with eight branches in Bristol. That was in 1928. In April of the following year, the whole of the ordinary share capital of Hedges (Chemists), Ltd., Birmingham, was acquired. The Moss pharmacies were directly absorbed, but the distinctive character and title of the Birmingham business have been maintained. It was founded by the late Mr. W. R. Hedges, M.P.S., in 1844, and by 1929 had twenty-two branches. The actual centenary year passed without notice, but members of the staff are this year sharing in the same bonuses as those of the holding company.

While this expansion of Hodders, Ltd., was taking place, there was a steady devia-



Premises in Broad Street, Bristol, adjoining Guildhall and Bank of England, where for fifty years from 1853 the business of Henry Hodder was conducted.

The Bristol multiple was a pioneer Rexall agent and Mr. Carpenter, its managing director until succeeded by Mr. S. G. Tydeman, M.P.S. (present managing director of Hodders, Ltd., and chairman of Hedges (Chemists), Ltd.), was a director of the United Drug Co., Ltd., Nottingham until his death; the company retains the Rexall agency for the whole of the Bristol area. Mr. Tydeman, to-day, is chairman of the Bristol Pharmaceutical Committee and of the local branch of the National Pharmaceutical Union.

During the war the two concerns have been fortunate. The New Street, Birmingham, branch of Hedges, Ltd., was its only casualty, falling victim to a direct hit by a bomb quite early in the war. At Bristol no branch ever had to close for a day except on account of unexploded bombs in the vicinity.

Future Policy

Mr. Tydeman states that the company intends to purchase or open additional branches when opportunity arises. It is unlikely that there will be any considerable expansion in manufacture, which is at present restricted, both in Bristol and in Birmingham, mainly to proprietary specialties. Bactone, a rheumatic remedy, is manufactured by the Bristol company, and 1,260 snuff by Messrs. Hedges (the snuff takes its name from the number of the entry in the company's books of the recipe as first received from a medical man for whom the proprietor undertook dispensing).



Principal shop of Hedges (Chemists), Ltd., in Dale End, Birmingham.

tion from the methods of the founder of the business and gradually the cutting of prices was discontinued. Today, as already indicated, all the shops of Hodders, Ltd., and Hedges (Chemists), Ltd., are solidly behind the National Pharmaceutical Union, to which the company pays fifty-seven subscriptions. In addition, the Birmingham business, which has a wholesale department, is a member of the wholesale section of the Proprietary Articles Trade Association, and of the Chemists' Friends Association.

A BOMBAY MEETING

THE sixth annual general meeting of the Pharmaceutical and Allied Manufacturers' and Distributors' Association (of India) was held recently at the premises of the Chamber of Commerce, Bombay. The following officers and members of the managing committee were present:—Messrs. N. McQueen (president), G. W. Gosling (vice-president and secretary), F. B. Lebell (treasurer), N. M. Cameron, F. H. Choppin, R. A. Haryott, R. M. Weston and Dr. T. A. Schinzol. The following points are taken from the presidential address.

Continuing Controls

When we last met, our many business difficulties were rather overshadowed by the total war being waged in the West and in the East, but this year we meet in the knowledge that, the war having been won, we have now got to get down to the equally difficult task of winning the peace. It was hoped that we would get rid of many of the irksome and—in our opinion—unnecessary rules and regulations governing the drug trade in general, and in certain respects our hopes have been justified. The Drug Control Order, which has worked reasonably well, is still with us but it is to be hoped that, with the steadily increasing flow of goods into this country, the necessity for this Order will soon cease to exist.

The introduction of open general licence No. VII in January, while relieving us of the necessity of waiting for the usually long-delayed import permits from New Delhi, has not, in our opinion, gone far enough to remove the difficulties attendant on import business. There are still quite a number of lines which cannot be imported without first obtaining a licence from this end and while there can be no argument about the restricting of imports of goods which are made in India in sufficient quantity to meet normal demand, it would appear that in some cases it is an attempt to foster or bolster up the indigenous industry even where the supply position does not, in our opinion, warrant such action. It will be necessary, therefore, for your Committee to watch further amendments to this Order closely and to make strong representations if necessary.

The Drug Rules, 1945, have been officially gazetted since we last met and while we all realise that, in general, this legislation is very necessary, it is to be hoped that Government will give a sufficient

time-lag—in our opinion a minimum period of one year—to allow overseas manufacturers to make any necessary alterations in packaging, labelling, etc.

Tribute to Officials

I cannot let this occasion pass without reference to the valuable services rendered to the Association by Mr. K. J. Madon as honorary secretary. It was with extreme regret that we accepted his resignation some time ago due to illness and I am sure you will all join me in wishing him an early return to good health. On Mr. Madon's resignation we were fortunate in again securing Mr. Gosling's services for the onerous duties of honorary secretary and thanks are due to him for coming to our assistance at short notice. I should also like to place on record our deep and grateful thanks to Mr. H. W. Fieth who has acted as honorary treasurer of your Association since its inception.

In conclusion, I would like to refer to a completely unfounded rumour that is current abroad to the effect that the closing down of our Association has been suggested. The following officers were elected for the ensuing year: *President*, Mr. G. W. Gosling; *Vice-president*, Mr. Luis Corty; *Treasurer*, Mr. F. B. Lebell; *Secretary*, Mr. F. W. Griffin; *Managing Committee*, Dr. T. A. Schinzol, Messrs. R. A. Haryott, W. G. Lloyd, A. Cook, E. Hepworth, A. C. Munroe, N. McQueen.

“Choosy” Lice.—Nature has made lice choosy in their tastes, and only blood meals from the appropriate host will be cunningly transformed into good sound chitin and other pedicular needs. The reason for maintaining a louse colony is not far to seek. Lice are as susceptible to typhus as guinea-pigs are to tuberculosis. A pure rickettsial strain can be propagated through generations of lice and multiplied manyfold. And this can be done by methods which obviate passage through the inconstant and sometimes cross-infected human. A sprawling louse, its upper end deftly muted by the edge of a cover glass, is easy meat for a capillary enema charged with a rickettsial suspension. After its incubation in the living host, a skilled worker can remove 500 heavily infected guts in an hour—some of them to reinfest the next recipients, the majority to be ground up and made into Weigl's vaccine for the protection of humans.—“Lancet.”

OVERSEAS TRADE NEWS

U.S. Research on Packaged Drugs.—Over \$10 million was spent in 1945 on research work by members of the Proprietary Association of America, whose associates manufacture 80 per cent. of the packaged medicines sold in the United States. More than 100 companies have their own research laboratories.

French-Hungarian Trade Agreement.—An agreement has been concluded in Budapest under which Hungary will receive from France dyes for the textile industry, reports the Hungarian News Agency. In exchange, Hungary will supply France with pharmaceutical products and medicinal herbs.

Argentina Tightens Export Restrictions.—The Argentine Secretariat for Industry and Commerce has cancelled permission for the export of 1,000 tons of soap, and is also withholding licences for the shipment of 3,000 tons of tallow grease. The Secretariat has notified exporters already holding permits for the export of tallow and soap that they must present them for ratification within five days, otherwise they will be considered cancelled.

Next Season's Whaling Plans.—Representatives of the British, American and Norwegian authorities and British and Norwegian whaling interests concluded an agreement on June 20 on the distribution of whaling sites amongst the various whaling companies. British floating factories and stations, as well as the new factories expected to operate in the 1947-8 season, will use available whaling sites during the next two seasons according to a fixed quota.

Tanganyika Groundnut Scheme.—A message from Dar-es-Salaam, Tanganyika, states that under a Tanganyika groundnut production scheme 100,000 tons annually would be produced from some 500,000 acres. This large acreage would also allow for the cultivation, in rotation, of other crops. The area suggested, in the western province and the southern half of the Lake province, consists of tsetse-infested bush country and would have to be cleared first. In the Kaliua district, use would be made of the proposed railway.

Streptomycin for Commercial Distribution.—The United States Civilian Production Administrator announces that streptomycin may be available for limited commercial distribution by August 1. Streptomycin production in April increased

to about 47,000 gm., as compared with the March output of about 37,000 gm., and a further increase is expected this month. If the increased production can be maintained, it is expected that the drug will be distributed by midsummer to a limited number of hospitals.

Australia Cannot Supply Tallow.—Australia cannot supply extra tallow to help Britain maintain her soap ration, as a general shortage of tallow exists in the Commonwealth, Australian Food Control officials stated on June 20. Australia has barely enough to meet domestic needs and the prospects for the immediate future are not bright; however, any surplus above her own minimum requirements which Australia might acquire would be offered immediately to the British Ministry of Food.

Ceylon Coconut Export Restrictions.—The Ceylon Desiccated Millers' Association has asked the Government to take immediate steps to cancel the restrictions on the manufacture and export of desiccated coconut on the ground that the maximum quantities allowed under the five-year contract with the British Ministry of Food are too small compared with production capacity, and the prices are too low. The millers express surprise that, at a time of world-wide food scarcity, restrictions should be imposed on the export of coconut, and they point out that there are no such restrictions in other producing countries. The millers say that the capacity at present is 60,000 tons annually, while the restriction scheme has been erroneously based on 30,000 to 35,000 tons.

U.S. Oilseed Negotiations Failure.—The United States Government's negotiations with Argentina for an improved contract under which the United States would have the exclusive right to buy Argentina's surplus oilseeds have not been satisfactorily concluded, Mr. Acheson, United States Acting Secretary of State, disclosed on June 21. When asked whether Russia had outbid the United States for Argentine oilseeds, he stated that sales to the United States under the present contract covering the remainder of this month had virtually ceased, as Argentina felt that the United States prices of 9 cents per lb. for linseed oil and \$1.66 per bushel for flaxseed were too low. The State Department knew only of one oilseed shipment to Russia—a small quantity purchased by UNRRA.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary according to brand or grade.

28 Essex Street, W.C.2, June 26

CONSIDERABLE attention is being paid to MENTHOL, prices of which show a steady rise. Market conditions for other CRUDE DRUGS show little alteration on the week, with business mostly routine in character. No developments of importance have occurred in PHARMACEUTICAL CHEMICALS in which a steady business is being done.

Crude Drugs

As already indicated interest in this section of the markets centres around MENTHOL which has been in considerable request, especially for export. Spot prices are about half-a-crown per lb. up on the week and are likely to go higher. Some business has been reported done with China but the quantities involved are small. According to the American report (see next column), it is estimated that China has about 200,000 lb. of menthol on hand, which, assuming the price is reasonable, will prove a serious competitor to the South American product. The small spot supplies of Curacao ALOES are firmly held. CARDAMOMS continue extremely quiet with supplies rather scarce. Fair business is reported in new-crop CASCARA SAGRADA. COLOCYNTH continues in steady demand with the price unchanged. Some Spanish ORANGE PEEL in sweet strips is expected to arrive shortly. Good white SQUILL is out of stock but some brown material is available. Several changes have occurred in WAXES. The Board of Trade announce that from July 1 no further purchases of PINE TAR will be made on Government account. Imports on private account, save in exceptional cases, will be through the Wood Tar and Pitch Importers' Association, Ltd., acting on behalf of its members.

Essential Oils

Circular No. 25, issued by the Essential Oils Control, gives the fourth list of oils removed from the control scheme. Oils now removed are: CADE, CINNAMON LEAF, LAVENDIN and LIME. Oils removed from the distribution scheme to date are therefore: BAY, CADE, CINNAMON LEAF, GERANIUM, GUAIACWOOD, LAVENDER, LAVENDER SPIKE, LAVENDIN, LEMONGRASS, LIME, PATCHOULI, SASSAFRAS (BRAZILIAN) and VETIVERT.

U.S. Drug Market Report

New York, June 21

MENTHOL features in the markets with a further rise in the quotation on the Brazilian product. A recent shipment of about fifty cases from China has proved to be excellent material, according to reports. It is estimated that China has about 200,000 lb. of menthol on hand and that the difference between buyers' and sellers' ideas will soon be adjusted, in the event of which the Chinese product will provide serious competition for the South American. Holders of Mexican MERCURY are said to be bringing pressure to the United States market in their efforts to move stocks; prices on the United States product declined a dollar per flask during the week, but buyers displayed little interest. Meanwhile, the Bureau of Mines reports that domestic production in the first quarter of 1946 rose to 5,550 flasks, compared with 4,150 in the last three months of 1945. Refined CAMPHOR is virtually unobtainable on the open market. Production of ACETYSALICYLIC ACID rose in March to about 976,000 lb., compared with 934,000 lb. in the previous month, it is reported. Business in CRUDE DRUGS is still restricted by an extreme shortage of supplies, while the strong export demand, particularly for SENEGA ROOT, GOLDEN SEAL ROOT and CASCARA, continues. It is reported that about 4,500 cases of VANILLA BEANS are shortly to be shipped to this country from Madagascar though trade in the United States at this time of the year is usually rather small. Reports reaching the United States from Mexico indicate that the new vanilla bean crop there will be substantial; beans are expected to be of good quality and large in size. Indian offerings of RHUBARB ROOT have petered out, according to reports; the Food and Drug Administration here has rejected almost all of the recent arrivals of rhubarb root from that country. Other imports rejected by this organisation over the past week included 15 bales of ARNICA FLOWERS, 417 cases of CHAMOMILE FLOWERS, 117 bags of CUMIN SEED, 419 bales of GENTIAN ROOT and nearly 300 bags of TURMERIC. A notable arrival was 2,000 bags of KARAYA GUM. The demand here for ESSENTIAL OILS and AROMATIC CHEMICALS continues to exceed supplies. The tight position of BERGAMOT is likely to be relieved.

Pharmaceutical Chemicals

ASPIRIN.—The following are makers' current rates per lb. for the home market, in quantities of 28 lb.—1 cwt. (containers in brackets): 4s. 1½d. (1-lb.); 4s. (4-lb.); 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d. (28-lb.).

ASPIRIN TABLETS.—Makers quote bulk supplies per 1,000 as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s.; 100,000, 2s. 11d.; 250,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

BRUCINE.—Current rates per oz. are as follows: ALKALOID.—Under 25 oz., 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE and SULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

CHLORAL HYDRATE.—Steady; current prices are as follows: 1 cwt., 3s. 10d. per lb.; 56 lb., 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; less, 5s. 3d.

IODINE PREPARATIONS.—As noted last week, home quotations have been advanced by threepence per lb. New rates per lb. are as follows: POTASSIUM IODIDE, B.P.—112 lb., 9s. 6d.; 28 lb., 10s.; 14 lb., 10s. 6½d.; 7 lb., 12s. 0½d.; 4 lb., 12s. 6½d.; smaller quantities, 13s. per lb. SODIUM IODIDE, B.P.—28 lb., 10s. 5d.; 14 lb., 10s. 11½d.; 7 lb., 12s. 8½d.; 4 lb., 13s. 4½d.; smaller quantities, 14s. 2d. IODOFORM, B.P.—28 lb., 13s. 7d.; 14 lb., 14s. 1½d.; 7 lb., 16s. 3½d.; 4 lb., 17s. 1½d.; smaller quantities, 17s. 11d. IODOFORM CRYSTALS.—2s. per lb. above powder prices. IODINE RESUBLIMED, B.P.—112 lb., 10s. 11d.; 28 lb., 11s. 5d.; 14 lb., 11s. 11½d.; 7 lb., 13s. 9½d.; 4 lb., 14s. 4½d.; smaller quantities, 15s. 11d.

LACTATES.—Prices are as follows: LACTIC ACID.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. CALCIUM LACTATE.—Small quantities, 2s. 5d. per lb. CALCIUM SODIUM LACTATE.—Powder, small lots, 3s. 7d. per lb.; 14 lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, one penny per lb. extra.

MAGNESIUM CARBONATE, HEAVY.—Home market prices per lb., in lots of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. 7d. (1-lb.); 1s. 5½d. (4-lb.); 1s. 4½d. (7-lb.); 1s. 4d. (14-lb.); 1s. 3d. (28-lb.). Prices net, one month.

MAGNESIUM CARBONATE, LIGHT.—Prices per lb. for the home market, in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. 4d. (1-lb.); 1s. 2½d. (4-lb.); 1s. 1½d. (7-lb.); 1s. 1d. (14-lb.); 1s. (28-lb.).

MAGNESIUM TRISILICATE.—Prices per lb., current in the home market, in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 3s. 9½d. (1-lb.); 3s. 8d. (4-lb.); 3s. 8d. (7-lb.); 3s. 6½d. (14-lb.); 3s. 5½d. (28-lb.).

MANDELIC ACID.—In good demand. Current quotations are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—In fair supply. Small quantities are quoted at 2s. 6d. per lb.; winchesters at 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 11½d.; 5 cwt., 1s. 11d. All prices net.

MORPHINE.—Prices per oz. current in the home market are: PURE, ½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE, ½ oz., 46s. 9d.; 1 oz., 44s. 3d.; 2 oz., 42s. 9d.; 3 oz., 42s.; 4 oz., 41s. 9d. BIMECONATE and TARTRATE, as PURE; ACETATE, HYDROBROMIDE and SULPHATE, as HYDROCHLORIDE.

POTASSIUM PERMANGANATE.—Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.; 4 tons and over, 152s. Terms net, carriage paid to nearest station, containers extra and returnable.

PULV. BISMUTH. CO., N.F.—Current rates per lb. in the home market, in quantities of 28 lb.—112 lb., are as follows (containers in brackets): 2s. 9d. (1-lb.); 2s. 8d. (2-lb.); 2s. 7½d. (4-lb.); 2s. 6½d. (7-lb.); 2s. 6d. (14-lb.); 28 lb., 2s. 5d.

THEOBROMINE.—Prices per lb., in quantities of 28 lb., are as follows: ALKALOID, B.P.C., 30s. 6d.; CALCIUM SALICYLATE, 19s. 3d.; SODIUM SALICYLATE, 19s. 3d.

Crude Drugs

ALOES.—Forward value of Cape is at 120s. per cwt., c.i.f. Curacao is firm at 300s., with the last c.i.f. price received at 250s.

ANTIMONY.—Demand continues good but supplies are restricted. Prices are: Minimum, 99.6 per cent. regulus, £132 10s. per ton; minimum 99 per cent., £125; 70 per cent. crude, for the home trade, £105 per ton, delivered.

ARECA NUTS.—Dealers' spot quotations are steady at 75s. per cwt.; shipment, 55s., c.i.f.

BALSAMS.—Canada is worth 13s. 6d. to 14s. per lb. on spot, and Peru, 8s. 3d.; Tolu and Copaiba, unobtainable.

BISMUTH.—In steady demand with current quotation of 9s. per lb. maintained for high-grade metal.

BUCHU LEAVES.—Spot supplies may now be obtained at 4s. 9d. per lb.

CARDAMOMS.—Business quiet; supplies are scarce. Aleppy seed, spot, 8s. 6d. per lb.; Aleppy greens, 7s. 6d.; Mangalore heavy, 7s.

CASCARA SAGRADA.—A fair business is reported in new crop for July-August shipment.

CASCARILLA.—Quills may be obtained at 2s. 9d. per lb.

CHAULMOOGRA.—*Hydnocarpus* is quoted on spot at 2s. per lb., in tins in cases.

CHILLIES.—Business quiet. Mombasa, spot, 150s. per cwt., sellers; shipment, June-July, 140s., c.i.f., buyers' licence.

CINNAMON.—Chips may be had on spot at 2s. 2d. per lb.

CLOVES.—Quiet conditions obtain with spot sellers in London at 1s. 1d. per lb. for Zanzibar; sellers afloat at 10½d.; shipment, June-July, 9½d., c.i.f., buyers' licence.

COCHINEAL.—Silvers, spot, 5s. 6d. per lb.; blacks, 5s. 9d.

COCOA BUTTER.—The maximum official price remains at 1s. 5½d. per lb., ex factory or warehouse, except under licence.

COLOCYNTH.—In fair request. Good-quality white pulp is offered at 2s. 6d. per lb.

DIGITALIS LEAVES.—Portuguese, spot, 130s. to 140s. per cwt.; English, 2s. 6d. per lb.

ERGOT.—Spot is available at 7s. 9d. per lb.; to arrive, 7s.

GUM ACACIA.—Kordofan cleaned sorts is firm on spot at 77s. per cwt.; bleached, dearer at 150s.; Talha, cleaned, 42s. 6d.

HENBANE.—Indian leaf is available at 250s. per cwt., and Egyptian (*mulicus*) at 90s.

KARAYA GUM.—Indian No. 1 gum may be had on spot at 200s. per cwt.

KOLA NUTS.—Current spot prices are: African quarters, 8d. per lb.; African halves, 6d.; Jamaican washed halves, 7d.

LIQUORICE ROOT.—Natural Anatolian, spot, 90s. per cwt.; cut, 110s.

MENTHOL.—A particularly good business is reported for export with transshipment parcels of Brazilian material sold at 36s. 6d. to 39s. per lb., in bond, the market closing with 38s. to 40s. being asked. With regard to duty paid material there are offers to consumers at 36s. to 37s., but on the market bids of 41s. are being mentioned. Orders sent to Brazil have brought back replies at 35s. f.o.b., but in one direction 36s. 6d. f.o.b. has been paid. It is reported that a few odd cases have been done from China at 40s., c.i.f., but offers from that source are difficult to obtain.

MERCURY.—Prices are controlled by the Control of Mercury (No. 11) Order, 1945 (S.R. & O., 1945, No. 1129) (C. & D., October 13, 1945, p. 388).

NUTMEGS.—Prices are nominal: West Indian, 80's, 5s. per lb.; sound unassorted, 4s. 9d.; wormy and broken, 4s. 6d.

NUX VOMICA.—Cochin, spot, 45s. per cwt.; shipment, 39s. 6d., c.i.f.; Mangalore, spot; 37s. 6d.

ORANGE PEEL.—Fine-cut Tripoli, spot, 4s. 9d. to 4s. 10½d. per lb. Spanish quarters, 2s. 9d. Spanish sweet strips, shortly arriving, 2s. per lb.

PEPPER.—Whole, not picked over or cleaned, on sale to processors, is officially priced at 1s. 4d. per lb. for white pepper and 1s. per lb. for black pepper.

PIMENTO.—Sellers on spot at 1s. 2½d. per lb.; shipment, 122s. 6d. per cwt., c.i.f., buyers' licence.

QUILLAIA BARK.—Natural is quoted at 120s. per cwt., and cut at 140s.

RHUBARB.—Common-round, near-at-hand, 12s. 6d. per lb.; to arrive, 10s., c.i.f.

SARSAPARILLA.—Red Jamaican, on spot, 2s. 9d. to 3s. per lb.

SEEDS.—**CORIANDER.**—Spot, Morocco quoted at 120s.; Indian, 120s. **CUMIN.**—Spot, Indian, nominal, 195s. **DILL.**—Spot, Indian, 75s. quoted, ex store Liverpool. **FENNEL.**—Spot, Indian, 175s., ex store Liverpool. **FENUGREEK.**—Spot, Indian, 77s. 6d.

SQUILL.—No supplies of good white are available, but some brown may be obtained on spot at 45s. per cwt.

TRAGACANTH.—Spot price of selected grades is firm at £160 per cwt., with supplies scarce. Medium grades are quoted as follows: No. 1 white, £145 per cwt.; No. 2, white, £125; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf from £17; hoggy, £12 to £15.

TURMERIC.—Spot, Madras finger, 95s. per cwt., ex wharf London; 92s. 6d., ex store, Liverpool.

VALERIAN.—Belgian root is offered at 250s. per cwt.

WAXES.—Current rates for CARNAUBA are: Fatty grey, spot, £55 per cwt.; chalky, £53 15s.; prime yellow, £60; fatty grey, afloat, £52; mediana, afloat, £57 10s.; prime yellow, shipment, August-September, £55 10s.; mediana, shipment, August-September, £54 10s.; fatty grey, shipment, August-September, £51. **BEES.**—Quoted on the market as follows: Dar-es-Salaam, spot 320s. per cwt.; afloat, 310s., c.i.f.; Benguela, spot in bond, 285s. **OURICURI.**—July-August, 620s. per cwt., c.i.f. **CANDELILLA.**—Spot, 490s. per cwt.; to arrive, 490s., landed terms.

Essential and Expressed Oils

CASTOR.—Bulk supplies are quoted as follows: "Firsts," £82 per ton; "seconds," £80, both naked ex works.

CLOVE.—English distillers' prices for bud oil are steady at 12s. per lb.

COCONUT.—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

COTTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £58, naked ex works.

GROUNDNUT.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°-52°, £63.

LINSEED.—Bulk supplies of crude are officially quoted at £65 per ton, naked ex works.

MISCELLANEOUS INQUIRIES

Seasick Remedy.—*M.B.*—The remedy that is understood to have been used by H.M. Forces during the war was tab. hyoscin. hydrobrom., gr. 1/200.

Herman's Pessary.—*W.O.B.*—The application is a modification, to the requirements of St. Thomas's Hospital, London, of the better known Hodge's pessary, as introduced by Hugh Lennox Hodge, a Philadelphia, U.S.A., gynaecologist.

Test-papers for pH Estimation.—*M.S.*—A test-paper known as Lyphil, used in certain German factories, is stated to give results to 0.1 pH. The papers are mentioned in one of the reports on German chemical industries by Allied investigators.

Marking Ink.—*V.L.G.*—A preparation according to the following formula may meet your requirements: Triturate dr. 1 $\frac{3}{4}$ of aniline black with 240 drops of concentrated hydrochloric acid and 42 dr. alcohol. Add to the mixture a hot solution of 2.5 dr. gum acacia in 170 dr. water.

Salysal.—*F.R.*—Trade mark rights were relinquished by the makers of this compound, which is the salicylic ester of salicylic acid. Because it is insoluble in dilute hydrochloric acid, salysal is well tolerated in the stomach. Weight for weight the dose is only half that of sodium salicylate.

Applications of Glycerin.—*A.S.T.*—The work you have in mind is probably an American book published in 1945 under the title "Glycerin, its Industrial and Commercial Applications." The authors are Leffingwell and Lesser, and the publishers Chemical Publishing Co., Inc., Brooklyn, 2, N.Y. The text is based on a survey of recent patent literature.

Solution for Storm Glasses.—*B.K.*—The standard formula for the solution used in storm glass tubes is:—

Camphor	10
Saltpetre	5
Sal ammoniac	5
Alcohol (90 per cent.)	105
Distilled water	45

Dissolve and filter.

Cold-water Adhesive.—*H.C.L.*—For a starch-free cold-water adhesive the following formula is suggested:—

Casein	100
Calcium hydroxide	7.5
Sodium carbonate	0.2

For use, add one part of the powder to three parts of water.

Drench for Calving Cows.—*J.C.C.*—Although cattle drenches are perhaps more usually powders, which are given with gruel, a liquid drench on the lines of the following is sometimes preferred:—

Acid. carbolic.	5iv.	
Ol. viridis	ʒj.	
Ol. eucalypt.	ʒss.	
Ol. lini ad	Oj.	M.

Branded Official Drugs.—*W.J.*—We think the restriction you have in mind must be a requirement under the Pharmacy and Medicines Act, 1941, under which preparations included in the British Pharmacopoeia or British Pharmaceutical Codex may be supplied as a branded product, to traders other than registered pharmacists, only if not more than one other official or official product is issued under the same brand name.

Licence-free Spirits.—*D.M.*—The Order under which the quantity of industrial alcohol that may be acquired, disposed of, treated, used or consumed without a licence is increased from one gall. monthly to sixty gall. in six calendar months is the Control of Molasses and Industrial Alcohol (No. 18) Order, 1945 (S.R. & O. 1945, No. 1184) which came into force on October 1, 1945. Copies may be obtained from H.M. Stationery Office, London, W.C.2, price threepence each.

Chamomile Shampoos.—*F.A.C.*—Chamomile flower-heads used in shampoos only slightly affect the colour, but have a distinctly brightening effect on fair hair. A good formula, when the materials are available, is:—

Coconut oil soap powder	1
Castile soap powder	4
Exsiccated sodium carbonate	3
Borax powder	2
Powdered chamomile	1

Powdered dry extract of chamomile in varying amount may be used in place of the powdered flower-heads. Because hard water contains calcium (and often magnesium) salts, which react with soap to form insoluble curds, the presence of alkalis is necessary in the shampoos to remove them by precipitation. Unfortunately alkalis, even in the form of pure soap, have a weakening effect on the tensile strength of the hair. For this reason the following formula may be adopted as an alkali-free alternative:

Ext. anthem. pulv.	gr. 5
Sulphonated fatty alcohol	gr. 80
Sodium sulphate	gr. 90

Perfume, a sufficiency.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

How to Secure Accuracy

SIR,—The death of a hospital patient through a nurse's misreading of a prescription sign has led some to make the suggestion that the traditional symbols of the apothecary should now give way to the metric system. In fact, the metric system is coming into use and its further employment depends on the extent to which physicians choose to adopt it in writing prescriptions. How drugs are measured is not, however, the real issue. It is as easy to slip up over a decimal point as over a drachm loop. The real issue is who does the measuring. In the case in question a pharmacist would have realised that the quantity was greatly in excess of the proper dose. The law should forbid the dispensing of potent drugs in hospitals except by or under the supervision of a pharmacist.

Yours faithfully,

F. C. WILSON

(A member of the Council of the Pharmaceutical Society).

London, S.W.20.

Remuneration for Dispensing

SIR,—Experience of N.H.I. work has shown many anomalies in the scale of dispensing fees and in view of the imminence of the National Health Service I would submit for colleagues' criticism the following suggested scale:—

Form of medicament	Basic Quantity	Basic Fee
Medicine for internal use except individual powders	16 doses	100
Individual powders	1 or 2	60
	3 to 6	80
	7 to 12	100
Liniments	2 oz.	100
Lotions and gargles ..	8 oz.	100
Paints and sprays ..	1 oz.	100
Drops (ear, eye, nose) ..	½ oz.	100
Ointments, creams or pastes	1 oz.	100
Powders for external use	2 oz.	100
Suppositories, bougies, pessaries	6	200

Basic fee to be paid for basic quantities of medicine. An additional 50 per cent. to be added to fee for each 50 per cent. (or less) increase over basic quantity. Emulsions: 25 per cent. to be added to gross

fee. D.D.A. registration fee of sixpence to be added to gross fee. Profit limit on insulin, sera, vaccines, etc., to be removed.

Yours faithfully,

Glasgow, S.W.1. J. M. WILLIAMSON.

Privileges

SIR,—I find that I require the signature of a clergyman, lawyer, barrister, or secretary of a trade union branch before I can get the industrial ten clothing coupons. I have just spent a good half-hour waiting while a policeman examined my poison and D.D.A. registers. Before I can sell methylated spirit I must swear a solemn oath before a J.P. that I am in fact a pharmacist. The Pharmaceutical Society sends an inspector to see if I am conforming to various regulations. The National Health Insurance Committee tests my dispensing from time to time. An apprentice in a seed merchant's recently sold me (without knowing me) a quantity of nicotine (no signature). An ironmonger displays sheep dip (arsenic) at his door. I myself must lock my window if I display it there. I have been paying for the privilege of being a member of the Society for twenty-five years. I often wonder why? Yours faithfully,

R. S. WHITELOW.

COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor not later than Wednesday morning of the week of insertion.

Wednesday, July 3

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Bonnington Hotel, Southampton Row, London, W.C.1, at 7.30 p.m. Party in honour of Miss E. Hodgkinson.

AYLESBURY AND BUCKINGHAM COUNTY BRANCH, NATIONAL PHARMACEUTICAL UNION, Bull's Head Hotel, Market Place, Aylesbury, at 7.30 p.m. Inaugural meeting. Mr. R. H. Kemp (local organisations officer of the N.P.U.) on "The National Health Service and Other Matters."

Thursday, July 4

BIRKENHEAD PHARMACISTS' ASSOCIATION. Visit to works of Ward, Blenkinsop & Co., Ltd., nr. Widnes, Lancs. Meet at Central station, Birkenhead, 2.15 p.m.

Sunday, July 7

MANCHESTER PHARMACEUTICAL ASSOCIATION, Ramble to Chinley, Edale, and Hayfield. Meet at Central station, 8.45 a.m. Book Chinley return.

TRADE MARKS

(From "The Trade Marks Journal,"
June 5)

"ALUGRAN"; for pharmaceutical preparations for human and veterinary use (5). By Parke, Davis & Co., 50-54 Beak Street, London, W.1. 639,929.

"PERMINEX"; for insecticides, fungicides and preparations for killing weeds (5). By Scott & Turner, Ltd., Andrews House, Gallowgate, Newcastle-on-Tyne. 640,101.

"TWINK"; for tweezers (8). By Allcock Manufacturing Co., 4-8 Argyle Street, Birkenhead, Cheshire. 640,294.

Lithotex and panorama of famous London buildings in rectangular design; for scientific, photographic, cinematographic, optical and measuring apparatus and instruments, electrical apparatus and instruments not included in other classes (9). By Pictorial Machinery, Ltd., 51 Highgate High Street, London, N.6. 632,325 (Associated).

Words "The Mallock-Armstrong Ear Defender" superimposed on label device; for appliances for the protection of the ears against acoustic shocks (10). By The Mallock-Armstrong Co., 39 Victoria Street, Westminster, London, S.W.1. B632,029.

"PORTEX-RAY"; for tubing for catheters, blood transfusions, penicillin administration, etc.; for bougies, screens for wear in the mouth to encourage correct breathing; and artificial teeth (10). By Portland Plastics, Ltd., 214 Great Portland Street, London, W.1. 635,633 (Associated).

"PARAPEACE"; for cosmetic, toilet and non-electric kitchen utensils, combs, sponges, soap and sponge containers and holders (21). By Para Peace Trading Co., Ltd., 77 Evelyn House, 62 Oxford Street, London, W.1. 638,347.

"FITWELL"; for hair nets for sale in England, Scotland and Wales (26). By Ciro Fils et Cie, Ltd., 15 Nightingales Corner, Little Chalfont, nr. Amersham, Bucks. B635,153.

(From "The Trade Marks Journal,"
June 12)

"THE KISS OF SPRING"; for toilet preparations (not medicated) cosmetic preparations, perfumes, perfumed soap and hair lotions (3). By C. P. B. Westwood, Ashlea, 2 Clydeview, Partick, Glasgow, W.1. 638,183.

"PEPTANE"; for hair lotions, dentifrices (3). By Berry, Wiggins & Co., Ltd., Cecil Chambers, 86 Strand, London, W.C.2. 639,140 (Associated).

"IMUS"; for hair preparations (3). By Dobson, Morpeth & Co., 348 Greenford Avenue, London, W.7. 639,154.

"GUSTOL"; for soaps, detergents, cleaning, scouring, polishing and abrasive preparations (3). By Thomas Hedley & Co., Ltd., Phoenix Buildings, Collingwood Street, Newcastle-on-Tyne. 639,541 (Associated).

"FORFEX"; for hair cream (3). By MacWilkinson & Morris, 11 Broadway, Pontypridd, Glamorganshire. 639,934.

"HYDRALIME"; for pharmaceutical preparations and substances for human use and for veterinary use, sanitary preparations and substances, disinfectants, insecticides, fungicides and preparations for killing weeds, all being lime products and substances (5). By The British Portland Cement Manufacturers, Ltd., Portland House, Tothill Street, Westminster, S.W.1. 635,909 (Associated).

"EYEOLEXA"; for medicated eye lotions (5). By B. J. S. Hammond, 9 Bruce Grove, Tottenham, London, N.17. 636,188.

"WHIZ"; for insecticides (5). By John Paterson & Co., Ltd., Clensel Works, Orr Street, Glasgow, S.E. 638,768 (Associated).

"ZOMEX"; for medicated tablets, ointment and suppositories for human use in the treatment of piles (5). By Arthur H. Cox & Co., Ltd., 93 Lewes Road, Brighton, Sussex. 638,923 (Associated).

"FENOCYCLIN"; for pharmaceutical substances for human and veterinary use, medical and surgical plasters, material for bandaging, disinfectants (5). By Ciba, Ltd., 141-227 Klybeckstrasse, Basle, Switzerland. 639,251 (Associated).

"HEWLAMINE"; for pharmaceutical preparations containing amines (5). By C. J. Hewlett & Son, Ltd., 35-43 Charlotte Road, London, E.C.2. 639,391 (Associated).

"OLEOPHIN"; for medicinal oils (5). By Warner, Harvey & Co., Ltd., 26B Albemarle Street, London, W.1. 639,397.

"VELETTES"; for sanitary towels (5). By Velvet Crepe Paper Co., Ltd., Alpertons Mills, Woodside End, Mount Pleasant, Alpertons, Middlesex. 640,389.

"AOLITE"; for optical apparatus and instruments and parts thereof not included in other classes (9). By British A. O. Co., Ltd., 39 Hatton Garden, London, E.C.1. 639,426.

"EMBASSY"; for spectacles, spectacle frames and cases, all of non-metallic material (9). By Levers Optical Co., Ltd., 2 Mount Pleasant, London, W.C.1. 640,376.

"GLAXO"; for feeding bottles, teats and valves therefor (10). By Glaxo Laboratories, Ltd., 891 Greenford Road, Greenford, Middlesex. 639,916 (Associated).

"VULFIS SERVICE"; for shaving brushes (21). By Progress Shaving Brush Co., Ltd., Progress Works, Mottram Street, Stockport, Cheshire. 636,866 (Associated).

(From "The Trade Marks Journal,"
June 19)

Device of gull; for chemical products for use in industry (1). By Johnson, Matthey & Co., Ltd., 78 Hatton Garden, London, E.C.1. 639,097.

"PERMA-REPEL" (word 'repel' disclaimed); for chemical substances for use in the finishing of textile fabrics (1). By Mettux, Ltd., 53-54, Broad Street Avenue, Bloomfield Street, London, E.C.2. 639,732.



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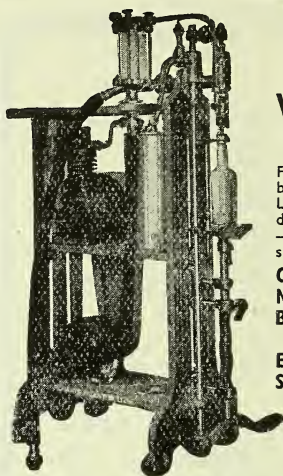
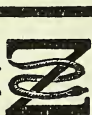
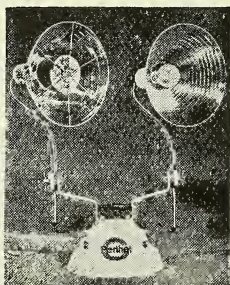
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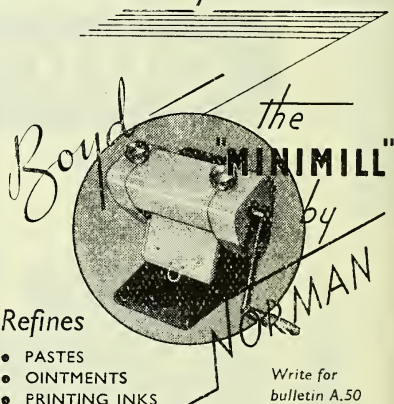
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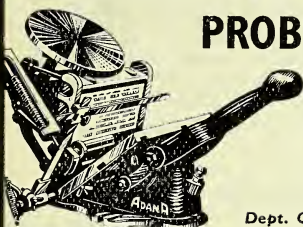
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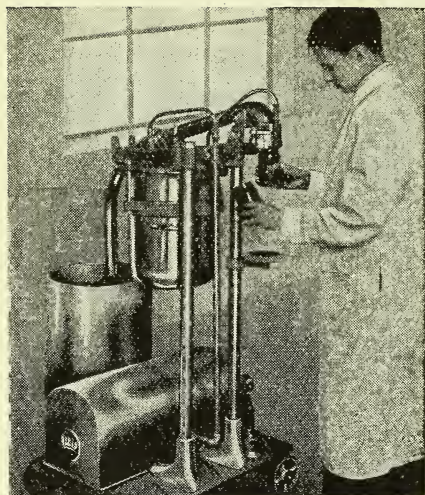
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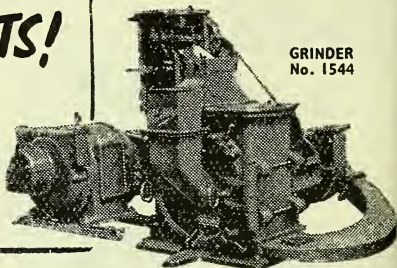
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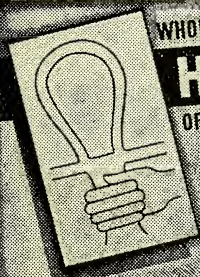
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	W'sale Per Pair	Retail Per Pair
Dr. Scholl's "Balanced Posture" FOOT-EAZER	10/6	17/6
Dr. Scholl's "Balanced Posture" ANTERIOR METATARSAL No. 1	12/-	20/-
Dr. Scholl's "Balanced Posture" ANTERIOR METATARSAL No. 2	12/-	20/-
Dr. Scholl's "Balanced Posture" SURGICAL 12	21/-	35/-
Dr. Scholl's "Balanced Posture" HEEL CAPS	1/8	2/6

LEATHER-AND-METAL ARCH SUPPORTS

Dr. Scholl's FOOT-EAZER	9/6	15/-
Dr. Scholl's ANTERIOR METATARSAL, Nos. 1, 2, 3, 5	10/6	17/6
Dr. Scholl's ANTERIOR METATARSAL, No. 4	7/6	12/6
Dr. Scholl's TRU-SPAN	16/-	25/-
Dr. Scholl's AIRLITE	8/-	12/6
Dr. Scholl's KORREKTO	6/6	10/6

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Dr. Scholl's SURGICAL, "A," 11, 12, 13, 15	17/6	30/-
Dr. Scholl's OSTEOPATHIC, "A," 11, 12, 13, 15	22/6	45/-
Dr. Scholl's SUPREX, "A," 51, 52, 53, 55 (style 52 only carried in stock)	32/6	65/-

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Dr. Scholl's REFORM (Children's)	5/6	9/-
Dr. Scholl's REFORM (Maids)	8/-	12/6

FOOT COMFORT APPLIANCES

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Dr. Scholl's ARCH BINDERS, 2-in. ... (14 sizes, state size required)	Doz. Pairs	P.T.	Pair
Dr. Scholl's LASTIK METAPADS, 2-in. ... ditto	24/-	Nil	3/-
Dr. Scholl's WALK-STRATE HEEL PADS	48/-	Nil	6/-
	10/-	3/4	1/8

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	Doz.	P.T.	Retail each
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Dr. Scholl's FOOT POWDER	6/-	1/-	-/10½
Dr. Scholl's FOOT BALM	12/6	2/1	1/10
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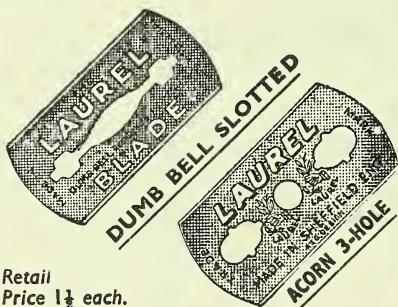
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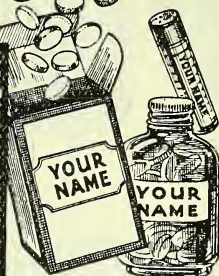
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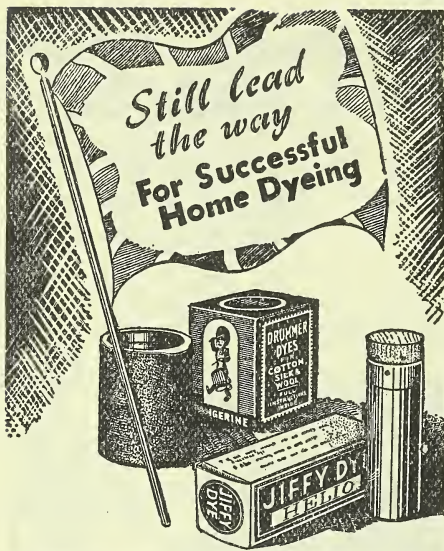
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Apology

Chesebrough Manufacturing Company Ltd.
Victoria Road,
LONDON, N.W. 10

TRADE **Vaseline** MARK
BRAND
HAIR TONIC

INFRINGEMENT OF REGISTERED TRADE MARK

I, the undersigned Melville Thomas trading as "MELVILLE" and carrying on business at 20, Catherine Hill, Frome, Somerset, hereby admit having infringed the rights of the Chesebrough Manufacturing Company Ltd., of London by:—

- 1 Passing off as of their manufacture a Hair Tonic which was not of their manufacture.
- 2 Using their registered trade mark "VASELINE" on a bottle of hair preparation not of their manufacture.

I hereby undertake that I will not again infringe the said trade mark, and I agree to pay a sum in respect of the costs which the Chesebrough Manufacturing Company Ltd., have been put to in connection with the matter, including the expense of advertising this apology in the trade papers.

Dated the 13th day of April, 1946.

(Signed) MELVILLE THOMAS

(Witnessed) HILDA THOMAS

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way

Said: "Trading's a nightmare
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And the only bright spot

Is Brand's goodly lot

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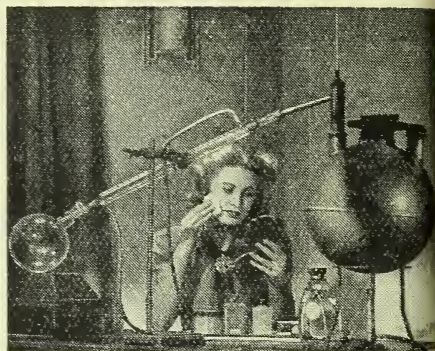
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The Malt Chocolate with
Calcium, Hæmoglobin and
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Wholesale Chemists**AFFINED BASIC
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aids to beauty anywhere. Can
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The bonus offer now in operation will be withdrawn from this date.

Our tremendous effort on behalf of the nation's export drive has ensured a very real increase in the quantity of Nivea Creme available for the next quota period and we hope to go some way towards satisfying the needs of our many chemist friends.

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HERTS PHARMACEUTICALS LIMITED
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Dental Salt



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cart green
containers
attractive counter
display, this well-established line is still
available in unlimited quantities. In
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Obtainable from all Wholesalers or on Direct
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If you're out of one Recommend the other

IN these days, when, do what we will, we cannot always cope with demand, there is an added advantage in the two kinds of Parmint and their three sizes.

All our press advertising features both Parminths and mentions all their prices.

At the moment the 1/5 ready for use Parmint Syrup is in short supply. If you are temporarily out of stock, recommend your customers to take a 2/10 bottle or a 3/1½ bottle of the Parmint Concentrated Essences



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We are now able to supply three dozen screw up cases engraved Tessa by Dunhill with each order of one gross refills

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ENGLAND'S MOST EXCLUSIVE LIPSTICK

Lines you Need from Clyde Utilities Ltd

Grenodine Pine Disinfectant. Retail price, 1/- . Wholesale price, 8/6 dozen.

Grenoscen Perfumed Disinfectant. Retail price, 2/- . Wholesale price, 16/- dozen.

Grenoscen Sprayer Outfits consisting of Bottle, Spray and Essence. Retail price, 9/6. Wholesale price, 6/8.

D.D.T. (Geigy) Liquid. Retail price, 1/3. Wholesale price, 10/3 dozen.

D.D.T. (Geigy) Sprayer Outfits consisting of Sprayer and Bottle of D.D.T. Fluid. Retail price, 7/6. Wholesale price, 5/3.

D.D.T. Dusting Powder. Retail price, 1/- . Wholesale price, 8/- per dozen.

Vaporising Spray to fit Standard 6-oz. Screw-neck Bottle. Retail, 5/3. Wholesale, 4/2.

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¶ *Terms to Wholesalers for all above products on application. Enquiries invited for all classes of disinfectants, D.D.T. Fluids and dusting powders in bulk.*

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Tel.: Central 3707.

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The CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX STREET, LONDON, W.C. 2.

This Supplement is inserted in every copy of The Chemist & Druggist

JUNE 29
1946

Prevailing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra.

SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

RETAIL (HOME)

ASSISTANT, Male, Chemist's Photographic Counter. City. Apply "A," 107/338, C. & D. Office.

DURHAM COUNTY. Experienced Qualified Manager required, able to control staff and develop business. Permanency for right man, interesting varied work. Excellent prospects. Good salary. **Leys' Ltd.**, Ryhope, Sunderland, Durham.

HAYES, KENT. A lady or gentleman required for Dispensing in a good-class family and dispensing business. Please apply, giving full particulars to J. W. Rumsey & Son, 49 Station Approach, Hayes, Kent.

LADY Assistant for West London Pharmacy. Comfortable position offered to one who has had good experience—Toilet Sales and Dispensing. Apply with particulars salary required. **Thomas Marns**, 2 Caxton Street, S.W.1.

LADY-DISPENSER Book-keeper (Hall qualification preferred) wanted for country practice, having two partners. State age, experience, references and salary required. Good rooms available near centre of market town. **Dr. Potts**, The Terrace, Pilsby, Lincs.

LADY (Qualified) required, near Brighton. Owner wishes to run good-class, established drug stores under qualified management. Splendid job for right person. Plenty of freedom and latitude allowed in working. Age immaterial. Owner good-tempered disposition. Write 106/309, C. & D. Office.

LEEDS. Pharmacist urgently required as Branch Manager. Full control under supervision of owner only. Permanency and good salary offered to capable person able to start immediately. **Lionel Kirby Ltd.**, 261 Dewsbury Road, Leeds, 11. Phone: 5696.

LONDON, W.9. Pharmacist required as Superintendent for busy middle class business. Quick counter trade. Lady or Gentleman. Permanency. Must be congenial and easy to work with. Half-day Thursday. Please apply stating salary required. 03/213, C. & D. Office.

MANAGER required for chemist's shop in the Gorton district of Manchester. Must be progressive. Excellent prospects for right man. Write stating salary required, age, qualifications and previous experience. **M. M. Abelson**, 3 Breeze-nount, Prestwick, Manchester.

NOTTINGHAM. Manager required, no Sunday or holiday duty, permanent position. Knowledge of "heavy" trade advantage but not essential. **Roberts**, 14 Clumber Street, Nottingham.

ORRIDGE & COMPANY, Employment Agency, Columbia House, Aldwych, W.C.2. Chancery 3446-7. Branches at Southampton and Birmingham. Inquiries invited from Pharmacists and Unqualified persons requiring situations. Many attractive vacancies available. Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to employees except registration fee. Apply to Columbia House in first instance.

PHARMACIST, man or woman, required, duties chiefly dispensing, also unqualified assistant. Apply Staff Controller, **William Whiteley, Ltd.**, Queensway, Bayswater, W.2.

PHARMACISTS wanted, male or female, with good experience, to take charge of businesses in Ayrshire, Lanarkshire and Fifehire. Applications in writing, giving full particulars and endorsed "B/M" should be forwarded to: The Technical Supervisor, Scottish Co-operative Wholesale Society, Ltd., Retail Drug Department, 187 Bogmoor Road, Shieldhall, Glasgow, S.W.1.

QUALIFIED Manager required for busy middle-class family dispensing business. Applicants must have had good previous managerial experience. Permanency. Good prospects. Please give full details, including age, etc., to Goldthorpes, 10 Powis Street, Woolwich, S.E.18. **WOO. 0403**.

QUALIFIED or Unqualified Assistant (male or female) required for busy modern pharmacy. Must be experienced in dispensing and counter. Applications, stating experience, age, salary, etc., and usual particulars to be addressed to: **F. H. Bursell**, 4 Carlton Terrace, Green Street, Forest Gate, E.7.

QUALIFIED Pharmacist required in a few weeks time for light retail and dispensing business. 6 p.m. closing. Half-day weekly. No Sunday duty. Permanent position. Apply with full particulars to **W. A. Bales**, Chemist, 52 Albany Road, Coventry.

QUALIFIED Pharmacist as Temporary Branch Manager. No Sunday or half-day holiday duties. Apply by letter giving full particulars to Superintendent Chemist, **Dewsbury Pioneers' Industrial Society, Ltd.**, 41 Northgate, Dewsbury.

QUALIFIED Pharmacist urgently required to manage old-established family chemist business in N.W. Lancashire coast town. Apply stating experience and salary required to 105/282, C. & D. Office.

QUALIFIED Manager. Also Senior Unqualified Assistant wanted. West End pharmacy reopening. Write 102/184, C. & D. Office.

QUALIFIED Assistant wanted for a good-class business. Give full particulars and salary required. **Williams & Smith**, Chemists, Horsham.

THE BARNSELY BRITISH CO-OPERATIVE SOCIETY, LTD. require Permanent Pharmacist (male or female) as Branch Manager. House available. Applications, stating age, experience and wage required to the Secretary, **Barnsley British Co-operative Society, Ltd.**, Wellington Street, Barnsley, Yorks.

UNQUALIFIED Assistant required mainly for dispensing. No Sundays or holiday duties. Write, stating experience and salary required, to **M. Berry**, 91 Hermit Road, E.16.

UNQUALIFIED Dispenser, either sex, for Milford-on-Sea. Send full details, including salary expected, to **W. E. Kirkman, Ltd.**, Station Road, New Milton, Hants.

UNQUALIFIED Assistants required for Pharmacies in Northamptonshire. Permanent positions with good prospects. Apply **P. Jeyes & Co., Ltd.**, 6 The Drapery, Northampton.

WEST HARTLEPOOL. Vacancies occur for two qualified Assistants, capable of taking charge of a branch. One vacancy would suit newly qualified person. Exceptional opportunity for experience in busy good-class store pharmacy. Give usual particulars and salary required to: Hartlepool's Co-operative Chemists, Ltd., West Hartlepool.

YOUNG Qualified Assistant or Unqualified able to dispense, required for middle-class business. No Sunday or half-day duty. Good hours. State salary required. Arthur D. Race, M.P.S., Walton Pharmacy, Wendover Road, Aylesbury, Bucks.

LOCUMS WANTED

QUALIFIED Locum required for a week in June or July and a week at the end of September. No Sunday or half-day duty. Please give full particulars to Sanderson's, 27 Northcote Road, Battersea, S.W.11. Battersea 5759.

QUALIFIED Locum required for four weeks in July, August or September. Other staff kept. No Sunday or half-day duty. Please give full details, stating salary required to Tozers, 1543 London Road, Norbury, S.W.16. Pollard 3162.

QUALIFIED Locum required for two weeks July or August. Other Staff kept. Please give full particulars stating salary required to Ileys' Ltd., Ryhope, Sunderland, Durham.

QUALIFIED Locum, male or female, required for 6 to 8 months, to take full charge of Pharmacy. Two assistants. Terms to Goodall, 544 Manchester Road, Bradford.

QUALIFIED Locum required. Light duties. Other staff. Please state dates available and salary required. W. E. Matthews, Ltd., 40 George Street, Croydon.

QUALIFIED Locum (lady or gentleman) wanted from August 26 to September 7. No Sunday or half-holiday duty. Also Unqualified Assistant mainly for dispensing (permanency). Apply—S. Morgan, Chemist, Manor Park, Slough. Phone: Slough 23415.

RETAIL (OVERSEAS)

SOUTHERN RHODESIA. Qualified male Junior Assistant, single, age 21-25, with good experience, required by old-established firm of chemists starting salary £40 per month, 2nd class passage, 1st class rail fare paid. Good prospects for the right man. 105/300, C. & D. Office.

WANTED for Southern Rhodesia. Young, single male M.P.S., preferably one just qualified. Three years' agreement. Commencing salary £45, rising to £50 monthly. Passage out paid. Apply by letter stating age and giving full particulars to Davis & Soper, Ltd., 54 St. Mary Axe, London, E.C.3.

WEST AFRICA. A permanent and progressive career is offered to qualified chemists and druggists (English Certificate only). Commencing salary £500 to £600 per annum according to age. Separation and children's allowances to married men. Tour of 21 months' duration, 4½ months' leave on full pay. Free passages, furnished quarters, medical attendance and membership to pension fund. Write full particulars to Box 1174, c/o Charles Barker & Sons, Ltd., 31 Budge Row, London, E.C.4.

WHOLESALE

ASSISTANT required, unqualified, male or female. Wholesale Chemists. Hardy & Son, Ltd., 33 Brown Street, Salisbury.

CHEMIST with honours B.Sc., Doctorate or Fellowship of Royal Institute of Chemistry required to take charge of manufacture of Fine Chemicals. One with research experience and pharmaceutical qualification preferred. Good commencing salary but according to qualifications and experience. 104/260, C. & D. Office.

CHEMIST required for production of toilet preparations, or first-class Process Worker. Outside London. State age, experience, wages required and when available. 107/346, C. & D. Office.

COMPETENT Shorthand-typist required for small office of manufacturers and exporters. Able to compose own letters, all office duties, no Saturdays. Full particulars of age, salary required, to D.F. Ltd., 49 Grayling Road, N.16.

COST Clerks, junior and senior, required (male and female) Typing and Calculating. Experience in Pharmacy or Fine Chemical costing an advantage. Canteen, Sports Club, Pension Scheme. Training scheme for juniors. Write age, experience, salary required to Office Manager, British Drug Houses, Ltd., Graham Street, City Road, N.1.

COSTING Clerk (female) required by Manufacturing Chemists. Knowledge of typing an advantage. Write: Matthews & Wilson, Ltd., 6 and 8 Cole Street, London, S.E.1.

EVANS, GADD & CO., LTD., Exeter, require young Pharmacist. Preferably with some wholesale experience.

FIRM of Fine Chemical Manufacturers in North-West England have vacancy for tablet maker. Must be experienced and, if possible, have knowledge of general packing of pharmaceuticals. Good opening for young man with initiative and drive. 107/345, C. & D. Office.

FIRST-CLASS Sales Representatives required by progressive manufacturing and distributing company handling high-class packed pharmaceuticals, dressings and chemists' sundries in great demand. Vacancies occur in the following territories: (a) Yorkshire and N.E. England; (b) Lancashire, Cheshire and N. Wales; (c) Notts, Derby, Leicester and Lincs; (d) Warwick, Worcs, Stafford and Shrops; (e) South Wales; (f) West Country; (g) London and Home Counties. Established connexion with retail chemists and wholesalers essential. The positions carry good salary, expenses and commission and afford exceptionally good permanent prospects. Full details of career and experience to Box 50, Longley's Advertising, 44 Old Bond Street, London, W.1.

INVOICE Clerk wanted, full or part-time. Export experience, typing. Write full particulars, salary, etc., D.F. Ltd., 49 Grayling Road, N.16.

LABORATORY Assistants (male and female) required for Analytical and Research Laboratories. Matriculation or Inter. B.Sc. standard. Opportunity given for part-time study. Apply, giving full particulars, age, experience, etc., to Stafford Allen & Sons, Ltd., Wharf Road, N.1.

LONDON Manufacturing Chemists offer a range of packed pharmaceuticals for distribution on generous commission terms to representatives now contacting pharmacists in the counties of Westmorland, Cumberland, Durham, Northumberland, Yorkshire, Lancs, Cheshire, Shrops, Staffs, Worcs, Herefordshire, Warwickshire, Hunts, Cambs, Essex and Home Counties, Surrey, Sussex, Kent. Please write, giving details of present territory, etc., to 105/285, C. & D. Office.

MANUFACTURERS require Representative with connexion amongst wholesale chemists, druggists and hairdressers' sundriesmen to sell additional line on commission basis. 106/331, C. & D. Office.

MAY & BAKER, LTD., require one or two Organic Chemists for Research and Development work in the field of medicinal and fine chemicals. The posts offer excellent opportunities for men of ability and originality to develop their ideas. Candidates must have a good Honours Degree in Chemistry and preferably a Research Degree, and in any case not less than five years post-graduate Research or Development experience. Age 26-32. Salary in accordance with qualifications and experience. Apply initially in writing, giving full details of qualifications and experience to Personnel Officer, May & Baker, Ltd., Dagenham, Essex.

MALE or female Cost and Invoice Clerk required. Must be fully conversant with Surgical Sundries. Write stating experience and salary required to the Medical Supply Association, Ltd., 167 Grays Road, W.C.1.

MANUFACTURING Chemist requires energetic Representatives, preferably with connexions amongst doctors in London and Greater London districts. Applicants must have full knowledge of pharmaceutical Chemicals, Drugs, Galenicals, etc. Apply in first instance, stating full experience and territory covered, to 105/298, C. & D. Office.

MIDLAND Manufacturers require Supervisor (male or female) for packed goods and ethical departments. Should have good knowledge of the trade, and preferably capable of preparing and conducting correspondence with medical profession. 106/329, C. & D. Office.

OLD-ESTABLISHED British firm of Manufacturing Chemists require a Salesman (Irish) resident in Belfast to sell their Nationally advertised products to Chemists in Northern Ireland. Experience not necessary, but must have enthusiasm and ability to work. Permanent and progressive post. Salary, commission and expenses. Write in full to 103/232, C. & D. Office.

PHARMACIST preferably with tabletting and manufacturing experience, required. The position is permanent and progressive with excellent prospects for the right man. William R. Warner & Co., Ltd., Power Road, Chiswick, W.4.

REPRESENTATIVE required, must have sound connexion Chemists and Co-operative Societies, Northumberland, Co. Durham, Westmoreland, Cumberland, Lancashire and Cheshire. Nationally advertised preparations. £300 p.a. plus expenses to commence. State fully, age, experience, references in first instance. 105/301, C. & D. Office.

REPRESENTATIVE for S. Wales, South Coast of England, Ireland, Scotland, proprietary lines, commission basis; established firm. Replies 106/314 & D. Office.

REPRESENTATIVE, having sound connections with chemists, grocers and allied trades, invited to carry a well-advertised line on commission basis, in Lancashire and the West Riding Yorkshire. 106/316, C. & D. Office.

REPRESENTATIVE required for West of England to carry pharmaceutical preparations and sundries. Salary, commission and expenses. One with established connexions and car owner preferred. 105/302, C. & D. Office.

REPRESENTATIVE required by well-known Midland Wholesale Chemists' Sundries House. Only those with live connexion retail chemists entertained. Wage, commission, expenses. Car driver preferred. State age, experience, average weekly turnover, territory previously worked. 106/330, C. & D. Office.

REPRESENTATIVE required for well-known Luxury Toilet Preparations (A-Class) to be carried as an additional line, on commission basis, call on Chemists, Hairdressers, Department Stores (Fumery and Drug Section) for various provincial areas. Only those who are well introduced to retailers could apply stating present lines carried and names of firms represented. Enclose reference in first letter. 104/246, C. & D. Office.

REPRESENTATIVES required. England, Scotland and Wales for lines suitable for Chemists and hairdressers. Good commission. 103/208, C. & D. Office.

REPRESENTATIVE required for Suffolk, Cambs, Essex by firm of wholesalers of chemists' sundries. Commission basis. 107/344, C. & D. Office.

REQUIRED by Chemical Manufacturers. Tablet Coater (male). Previous experience of sugar coating and enteric coating desirable. Apply in writing, giving full particulars, to Personnel Officer, Ay & Baker, Ltd., Dagenham, Essex.

REPRESENTATIVE required for Herts, Beds and Bucks by firm of wholesalers of chemists' sundries. Commission basis. 107/343, C. & D. Office.

SALES Manager required by old-established manufacturing Pharmaceutical House in South London. Must have experience of marketing of specialities. Pharmaceutical qualification or retail experience desirable. Salary £800. Details of education, qualifications, experience and age to 106/311, C. & D. Office.

SALESMAN, 23-35, required by manufacturers of well-known proprietaries, to call on Retail Chemists in Lincs, Notts, Derbyshire, Cheshire, and the Isle of Man. Excellent opportunity for live man. Applicants are invited from men resident on this territory with previous experience, and willing to run a car. Write 104/253, C. & D. Office.

SCOTLAND. Vacancies occur in Eastern and Western districts for representatives experienced in ethical medical propaganda and sales promotion through usual professional channels (chemists, wholesalers, hospitals and doctors). Leading London manufacturer of ethical medical specialities offers salary, commission and expenses to men with the requisite connexions and experience and residing in Scotland. Qualification an advantage. Write in confidence, sending full particulars, to 105/276, C. & D. Office.

TABLET Coater required by Manufacturing Chemists in Manchester district. Permanent position with pension for suitable applicant. Write stating age and details of previous experience. 104/245, C. & D. Office.

WANTED Qualified Pharmacist with experience in the preparation of all types of ampoules. Reply to 106/319, C. & D. Office.

WANTED Qualified Pharmacist for Wholesale Department of Manufacturing Chemists in West of England. Reply to 106/320, C. & D. Office.

WANTED. Young Chemical Engineer to be trained in new chemical industry, with a view to entire responsibility for plant in Hull, Reading or abroad. Commencing salary £500 to £750 per annum, according to experience and capability. 106/323, C. & D. Office.

WELL-KNOWN company handling highest quality products has several vacancies for pharmacists on their representative staff. First-class men only are required. Good salary offered and ample opportunity for advancement exists for men of ability and energy. Apply, giving full details to 105/303, C. & D. Office.

WORKING Foreman required to take charge of Tabletting Department for well-known N.W. Manufacturing Chemists. Must have good knowledge of compressing and coating. Permanent position with excellent prospects. 106/334, C. & D. Office.

WHOLESALE (OVERSEAS)

OVERSEAS APPOINTMENT—BURROUGHS WELLCOME & CO. We are seeking a young and energetic Pharmacist for appointment to the staff of our Associated House in Shanghai. This opportunity offers a good career and in the right hands is capable of considerable development. Good salary and conditions, contributory pension scheme. Essential qualifications are—age, between 24 and 30; single; pharmaceutical qualifications or degree; good health and progressive outlook. Apply. Manager of the Overseas Division, Burroughs Wellcome & Co., 183-193 Euston Road, London, N.W.1.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

ASSISTANT. Lady with general experience. West London suburbs preferred. A.M., 68 Deans Road, Hanwell, W.7.

AS Unqualified. Few hours daily help given by experienced Locum and general Assistant. Gibson, 21 Stansfield Road, Stockwell, S.W.9.

DANISH female Chemist Assistant desires work in London either in a chemist's stores, hospital dispensary or laboratory. Has Danish Diploma in chemistry and eight years' experience in Copenhagen. Speaks fluent English. Age 26, unmarried. Available October 1. For further particulars apply—Miss Nebelung-Hansen, Frydendalsvej 30, Copenhagen V, Denmark.

PHARMACIST (35), married, no family, 16 years' experience in all branches. Manager for over 9 years, desires managership with a view to interest in business in the future. Furnished accommodation required. South preferred. All replies answered. Excellent references. Private pharmacists only. Free one month. 104/244, C. & D. Office.

LOCUMS SEEKING ENGAGEMENTS

PHARMACIST, free September part July. Exclusive West End, Continental and Managerial experience. Single. Square trained. Qualified Optician. 107/339, C. & D. Office.

UNQUALIFIED experienced Dispenser available for Locums, July 29 until August 31, London or South-East. Please state terms. 106/317, C. & D. Office.

WHOLESALE

ADVERTISER, age 31, desires change. Qualified Chemist thoroughly experienced in pharmaceutical and cosmetic manufacture with many years experience of administration, production planning, works' management, and development of sales. Requires position as Works Manager or Chemist where initiative and organising ability can be utilised. All correspondence in strict confidence. 106/326, C. & D. Office.

ADVERTISER, 15 years' experience, requires position with reputable House. Extremely well known to chemists and allied trades. First-class representation assured. 106/332, C. & D. Office.

ENGLESHMAN, resident in South Africa, with South African qualifications, and desirous of returning to England, requires position. Age 42, married. Excellent knowledge South African conditions. Could undertake position in Export Dept. 16 years' experience wholesale and import trade, with special knowledge of requirements and equipping of hospitals. Would also consider purchase of, or partnership in, business. Capital available £1,500-£2,000. 106/337, C. & D. Office.

LIVE Representation offered to house of repute among retail, wholesale chemists, co-ops., in Kent, Sussex, Hants, Dorset. Salary, commission, expenses. 107/342, C. & D. Office.

PHARMACIST resident London, highly experienced in all branches company administration and commercial organisation, sales and general management, seeks Directorship or other part-time utilisation of his services. Widely travelled, years of executive overseas experience, has personal knowledge foreign markets. Replies treated strictest confidence. 106/304, C. & D. Office.

REPRESENTATIVE requires sole agencies for Midland area for good lines of interest to wholesale and retail chemists, stores, etc. Good connexion and regular calls. 105/299, C. & D. Office.

REPRESENTATIVE with 20 years' London experience wishes to join good house. Extremely well known to wholesale and retail chemists and allied trades. Excellent sales record. Own car. 105/297, C. & D. Office.

SALES Representative, 15 years' experience Soap Perfumery combine, first-class connexions London, Home Counties, desires similar appointment offering scope for advancement. 106/318, C. & D. Office.

SALES Manager. Pharmacist. Wide experience management and control. Good record sales improvement. 106/336, C. & D. Office.

SENIOR Sales Executive, present earning £1,250, wishes change. Full experience home sales, control, travellers and statistics. Very able administrative assistant to managing director. 105/295, C. & D. Office.

WORKS Manager, 28 years' experience in galenical manufacture, specialising in tablet preparation and coating, used to medium sized staff control, requires change, N.W. London preferred. Keen services offered where pharmaceutical and mechanical ability may be of mutual advantage. 105/291, C. & D. Office.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

A GOOD price offered for Cameras, Enlargers and all Photographic Apparatus, Exposure Meters, Tripods, good Binoculars, Microscopes, Cine-Cameras and Projectors, prompt cash. Wallace Heaton, Ltd., 127 New Bond Street, London, W.1.

AUTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

EDIBLE Sheet and Powdered Gelatin required in large quantities. £65/970, C. & D. Office.

MANUFACTURERS require, for own use, regular quantities (large or small) of Lactose B.P., or Euble and Citric Acid. 106/328, C. & D. Office.

REQUIRED for Export Packing up to 5,000 each 20-ozs. Corked, Narrow Mouthed Bottles, 32-ozs. Jars. Also small quantities of other sizes. Offers to 101/149, C. & D. Office.

SACCHARIN Tablets (Standard). Bulk or packed. Any quantities purchased for cash. Reasonable commission would be paid for introduction that will lead to purchase. 106/322, C. & D. Office.

SODIUM Benzoate. Up to 1 ton required urgently for Export. Offers to 105/287, C. & D. Office.

STEARIC Acid Triple Pressed required in large quantities. 965/969, C. & D. Office.

TABLET Compressing Machine, single die to take up to 1½ inch square tablet, required by Buckley-Bowker Tablet Co., Ltd., 29 Parkfield Street, London, N.1. Telephone CA9nbury 3401.

WANTED. Powder Mixing Machine for hand use, to hold about 1 cwt. Offers with particulars invited. 106/325, C. & D. Office.

WANTED. Porcelain Lined Ball Mill, about 40 gallons capacity, also Laboratory Extruder, 1½ in. to 2 in. Reed Brothers (Engineering), Ltd., Bevis Marks House, London, E.C.3.

WANTED to purchase Stearic Acid, refined, about 130° to 132°. Offers to 106/308, C. & D. Office.

WANTED urgently by registered Cosmetic manufacturers for Export orders, 1, 2 and 4 dram perfume bottles with or without caps. 109 Cricklewood Broadway, N.W.2. GLA 1084.

WELL-KNOWN Firm of Food Manufacturers urgently require new or second-hand tableting equipment, including tablet machines (multiple punch or rotary), oscillating granulator, mixer for dry granulations. Write giving full particulars and price. 105/288, C. & D. Office.

8 OZ. Plain Medicals, 8-oz. ribbed Ovals, 2 2½-oz. Panels; divided Cartons to hold any of these. Samples and prices to S. Tatlow & Co., Ltd., Eekington, Sheffield.

26 OZ. and 13-oz. Wine or Champagne Bottles required. 625/524, C. & D. Office.

PREMISES FOR SALE

FREEHOLD Factory in Camberwell, approximately 9,000 square foot floor space, £13,000. Immediate possession. Write Box 55, c/o 7 Coptic Street, W.C.1.

APPOINTMENTS

COUNTY OF LINCOLN—PARTS OF LINDSEY

PUBLIC HEALTH DEPARTMENT

COUNTY INFIRMARY, LOUTH, Lincs.

LOCUM PHARMACIST required for four weeks during August or September. Salary £8 8s. per week. Applicants must be M.P.S. Apply to the Medical Superintendent, County Infirmary, Louth, Lincs.

EPSOM COUNTY HOSPITAL

DORKING ROAD, EPSOM.

LOCUM SENIOR PHARMACIST. £8 10s. 0d. p.w. inclusive.

LOCUM PHARMACIST. £7 10s. 0d. p.w. inclusive.

Applicants must possess M.P.S. or Ph.C. qualification.

Apply to Medical Superintendent.

LOCUM ASSISTANT PHARMACIST required by MIDDLESEX COUNTY COUNCIL at NORTH MIDDLESEX COUNTY HOSPITAL, Edmonton, N.18. Post vacant £27.46. Salary £7 7s. 0d. p. wk., plus temporary bonus (now 23s. p. wk. for adults). Applications immediately to MEDICAL DIRECTOR of hospital.

LOCUM PHARMACIST (Senior) at £8 10s. 0d. p.w. inclusive, required at ST. HELIER COUNTY HOSPITAL, Wrythe Lane, Carshalton and at FARNHAM COUNTY HOSPITAL, FARNHAM.

LOCUM PHARMACIST (Assistant) at £7 10s. 0d. p.w. inclusive required at ST. HELIER COUNTY HOSPITAL, Carshalton, and at BOTLEY'S PARK WAR HOSPITAL, Chertsey. Candidates must possess M.P.S. or Ph.C. qualification.

Apply in writing to Medical Superintendent of appropriate Hospital.

PHARMACIST (HOLIDAY RELIEF) wanted at the Essex County Council Hospital, Wanstead, for a period of three weeks on and from July 20, 1946. Inclusive salary at the rate of £8 8s. 0d. a week. Applications, together with copies of not more than three recent testimonials, should be addressed to the Clerk of the Council, County Hall, Chelmsford, as soon as possible.

ROYAL LONDON OPHTHALMIC HOSPITAL

(MOORFIELDS EYE HOSPITAL), CITY ROAD, LONDON, E.C.1.

ASSISTANT PHARMACIST required. Hours 8.30 a.m. to 4.30 p.m., Saturdays 1.0 p.m. with occasional late duty. Salary as Joint Negotiating Committee (£320 x £15 plus £20 to £400). Federated Superannuation Scheme in Force. Applications, with full details and copies of testimonials, to be sent to the Chief Pharmacist.

SURREY COUNTY COUNCIL

ASST. PHARMACISTS at:—

ST. HELIER COUNTY HOSPITAL, Wrythe Lane, Carshalton.

BOTLEY'S PARK HOSPITAL, Chertsey.

ST. LUKE'S HOSPITAL, Guildford.

Must possess M.P.S. or Ph.C. qualification. Commencing salary on grade £320 x £15—£400 p.a. inclusive. Apply to Medical Supt. of appropriate Hospital.

SURREY COUNTY COUNCIL

BOTLEY'S PARK MENTAL DEFICIENCY COLONY, CHERTSEY

Applications are invited for the post of Pharmacist to the Colony. Must possess M.P.S. or Ph.C. qualifications. Salary on grade £370 x £15—£445 per annum. The post is pensionable. The Colony Dispensary is at present merged with the one serving the Emergency Hospital, and until its separation the person appointed will work under the general control of the Chief Pharmacist. The successful candidate will be required to pass a medical examination. Applications to the Physician Superintendent.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

AGENT required with good connexion amongst chemists to handle, on commission basis, world-renowned products of disinfectants, 106/313, C. & D. Office.

MANUFACTURERS of Toilet Preparations in excellent demand, desire to contact reliable firm of distributors or agents. Reply giving details of areas covered, etc. 106/321, C. & D. Office.

PHARMACEUTICAL Specialities. Household Medicinal Products, Toilet Sundries, etc. Large Canadian Sales Agency wishes to represent English manufacturers. Coast-to-coast sales coverage of retail/wholesale drug trade. Write Laurentian Agencies, 429 St. Jean Baptist Street, Montreal, P.Q., Canada.

PHARMACEUTICAL products. Export merchants desire Agency for same. Export to Brazil. Advertisers have their own offices in that country. Reply Littlejohn & Nykerk, Ltd., 14 Prince of Wales Terrace, Kensington, W.8. Telephone No. Western 8620.

"RUBBERCRAFT," Specialist Repairers of Hot-water bottles, etc. (pre-war rubber or new synthetic issues) require active Agents for operating Service Branches. Interesting sideline complementing sales. Monthly deliveries arranged. Inquiries: Secretary, 6 Park Court, Hampton Wick, Surrey.

WELL-KNOWN Manufacturers and distributors in Eire are open to consider agencies for reputable chemical and pharmaceutical manufacturers. They are also prepared to manufacture under licence. Their travellers call on chemists, wholesale and retail stores, Co-operative Societies, etc., all over Eire. They also call on surgical and medical specialists, general medical practitioners and dentists. Please address all inquiries to CD Box 506, c/o Erwoods, Ltd., 30 Bouverie Street, London, E.C.4.

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NOTTINGHAM (near). Good-class old-established pharmacy, photographic, also wines and spirits. Turnover approx. £6,000 p.a., rent £100 immediate possession. Full particulars from Rogers Son & Co., Chartered Accountants, Cheapside, Nottingham.

NORTHERN IRELAND. Leased lock-up shop. Turnover over £5,000 per annum. Good stock. About £1,700. Good reasons for urgent disposal. Best offer or first £3,600. 106/310, C. & D. Office.

WHOLESALE Chemists and Sundries business in Yorkshire. Over 3,000 accounts, including some export trade. Quotas of bottles, jars, containers, etc. Turnover about £4,000. Business neglected through absence in the Services. Bankers references in first correspondence. 106/324, C. & D. Office.

BUSINESS OPPORTUNITIES

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MANAGER required for small Limited Company, Kings Cross Area. Full control. Profit-sharing basis. Lock-up shop. 105/275, C. & D. Office.

MANUFACTURING Chemist, Ph.D., F.R.I.C., with wide experience in the large scale production of Fine Chemicals and Medicinals, wishes to acquire partnership or control in wholesale druggist or small manufacturing business. 105/293, C. & D. Office.

OLD-ESTABLISHED Machine Packers and Distributors desire bulk materials suitable for packing in 4, 8 or 16 oz. packets under their registered trade marks. 105/274, C. & D. Office.

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EXPORT TRADE

AGENCY and Distribution of Doctor's, Dentist's, Veterinary and Chemist's requirements including sundries and toilet preparations desired by a reputable firm in South Africa, well-known throughout the professions in the Union. Apply Messrs. A. Y. Auld & Co., Telegraphic Address Auldco; P.O. Box 127, Port Elizabeth, South Africa.

COMPANY manufacturing and selling wide range of pharmaceutical and medical lines, dealing mainly with Belgium, Holland and Luxembourg areas, want to consider additional suitable lines. All particulars in the first place to be sent to 106/315 C. & D. Office.

CONCENTRATED lemon juice with Vitamin C, manufacturers, seek connexions with London, merchants for Overseas Sales. A scientific product of proved value, thirst-quenching, anti-uric, anti-arthritis. Write to Box 9322, Frost-Smith Advg., 64 Finsbury Pavement, E.C.2.

ENTERPRISING firm of Manufacturing Chemists in Australia wish to extend business and desires contact British firms with view representation or manufacture under licence of Toilet, Household or other lines. Apply in first instance to Kosmos Manufacturing Co. Pty. Ltd., 259 Victoria Street, Abbotsford, N.9, Melbourne, Victoria, Australia. A representative will visit England within next few months.

ETABLISSEMENTS Docteur Tebbi, Nassef Khosrow, Saraye Rowchan Teheran, Iran, wish to contact manufacturers of all Chemical and Pharmaceutical Products and Photographic goods, with a view of representations and exclusive Agencies. References The Imperial Bank of Iran Teheran and Bank Melli Iran Teheran, Iran.

EXPORT. Braemar, South African Agency, P.O. Box 2898 Johannesburg, can place your manufactured goods in South Africa and Rhodesia. British correspondent will answer all queries in first instance. Write Box S. 373, Lee & Nightingale, Liverpool.

SPAIN. Laboratorio Ortega, P.O. Box 971 Madrid. Wanted, Representations in pharmaceutical and chemical products, commercial organisations in Spain and Possessions. Own small factory for elaboration of raw and semi-manufactured materials. References on application.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

FOR disposal to close department, Nail Files, 139 gross assorted, 3½ in. and 4 in., Plated and Stainless, at 60s. per gross, plus tax. Floor Polish, 6-oz. tins, 48 gross at 72s. per gross. Deodoriser Tablets, 8 gross at 32s. per gross. Adhesive Fabric Bands (khaki), 5,000 gross (on metal cylinders) at 4s. per gross. Man. House 2712.

FOR Sale, new Pascall Ointment Roller Mill, triple porcelain rollers, 250 volt motor. £55. Lindsay & Son, Chemists, 64 High Street, Maybole.

NUMBER of Single Punch Tablet Machines, fast and loose pulley (Manesty Ureka Type) for sale. Can be seen working. Apply 106/312, C. & D. Office.

RANSOM open metal slat loop conveyor for sale. Length each side variable up to 35 ft. Width 6 ft. 5 in. Total length variable up to 83 ft. Overall height 2 ft. 9 in. Width of belt variable, 4½ in. to 5½ in. Speed 5 ft. per minute. Excellent condition and complete with motor. Offer to Scrubb & Co., Ltd., Wimbledon Factory Estate, Morden Road, S.W.19.

ROTARY Tablet Machine, German type, 20 Punch, suitable for compressing ½ in. diameter tablets, complete in every detail, ready for work, and in excellent condition. Also Single Punch Medium Pharmaceutical Tablet Machine, to take up to ½ in. diameter tablets, Wilkinson, at present in use. 106/335, C. & D. Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

HILLIER, PARKER, MAY & ROWDEN, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying premier trading positions in London and Provinces, or a Group Concern would be seriously considered. Others contemplating sale or their solicitors are invited to write for further information to Hillier, Parker, May & Rowden, 77 Grosvenor Street, W.1.

REQUIRED, Manufacturing Chemist or Veterinary Remedies, Animal Medicine and Foods business. Would consider fertiliser manufacturing or allied concern. Good capital from private pharmacist investor available for sound established business. 106/305, C. & D. Office.

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